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# ANNUAL REPORT

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OF

# THE COMMISSIONER

OF

# THE GENERAL LAND OFFICE

FOR THE

FISCAL YEAR ENDING JUNE 30, 1880.

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1881.







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REPORT  
OF THE  
COMMISSIONER OF THE GENERAL LAND OFFICE.

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LETTER OF THE COMMISSIONER OF THE GENERAL LAND OFFICE TRANSMITTING HIS ANNUAL REPORT FOR THE FISCAL YEAR ENDING JUNE 30, 1880.

DEPARTMENT OF THE INTERIOR,  
GENERAL LAND OFFICE,  
October 18, 1880.

Hon. C. SCHURZ,  
*Secretary of the Interior:*

SIR: I have the honor to transmit herewith the annual report of this office, showing the business transacted during the fiscal year ending with the 30th of June, 1880, and the condition of business at that time, under the laws for the survey and disposal of the public lands of the United States. The operations described extended to the States of Alabama, Arkansas, California, Colorado, Florida, Iowa, Indiana, Illinois, Kansas, Louisiana, Michigan, Minnesota, Mississippi, Missouri, Nebraska, Nevada, Ohio, Oregon, Wisconsin, and the Territories of Arizona, Dakota, Idaho, Montana, New Mexico, Utah, Washington, and Wyoming. The instrumentalities made use of embraced sixteen surveying districts, with their general and deputy surveyors, and ninety-five land districts, with their district land offices and attendant registers and receivers, all acting under the supervision and direction of the General Land Office. In the States of Ohio, Indiana, and Illinois Congress abolished the offices of registers and receivers by its act of July 21, 1876, and it has since devolved upon the Commissioner of this office to act as register and receiver *ex officio* in regard to the remnant of public land therein under the act of March 3, 1877.

During the fiscal year there were surveyed of public lands an aggregate of 15,699,253 acres, besides 652,151.37 acres of private land claims, showing an increase in the former of 7,253,471 acres over the previous fiscal year. This great increase of public lands surveyed is attributed to the operation of the act of March 3, 1879, amendatory of section 2403 of the United States Revised Statutes, which admits of surveys being made on deposits by individuals of the estimated costs, and makes the certificates issued on such deposits assignable by the depositors and receivable from settlers in payment for public lands. The total area of public lands surveyed from the beginning of operations up to the 30th June, 1880, the close of the last fiscal year, is 752,557,195 acres, leaving an estimated area then unsurveyed of 1,062,231,727 acres.

The disposals of public lands during the fiscal year ending June 30, 1880, embrace an aggregate of 14,792,371.65 acres, being an increase of 5,458,988.36 acres over the previous fiscal year. In this aggregate are included of cash sales 850,740.63 acres, an increase of 228,166.67 acres over the previous fiscal year; of homestead entries, 6,045,570.60 acres, an increase of 785,459.31 acres; and of timber culture entries, 2,193,184.12



acres, which is a decrease of 573,389.81 acres as compared with the previous fiscal year.

During the fiscal year ending June 30, 1880, there were patented to States as swamp, under the act of September 28, 1850, or approved as such to Louisiana under the act of March 2, 1849, which has the effect of a patent, 3,757,888.99 acres, being an increase over the quantity so patented during the previous fiscal year of 3,682,500.91 acres.

During the fiscal year there were certified for railroad purposes 1,157,375.01 acres, an increase, as compared with the previous fiscal year, of 879,040.90 acres; certified for wagon road purposes, 19,485.14 acres.

The amount of moneys received during the fiscal year ending June 30, 1880, from various sources, is \$2,290,161.60, exceeding the receipts of the previous fiscal year by \$407,048.04.

The transactions of the fiscal year are particularly set forth in accompanying papers, which will be found to include reports from the sixteen surveyors general, summaries in tabular form of the surveying operations and operations of the district land offices in the disposals of public lands, and reports made up by the several heads of divisions in this office, embodying a variety of information relating to the work performed in their respective divisions.

I deem it appropriate for me here to submit some remarks with reference to the disadvantages under which the General Land Office labors in performing the important duties with which it is charged, in consequence of existing conditions with regard to its clerical force, and in other respects—a matter which has heretofore been made the subject of remark alike by myself and some of my predecessors.

Hon. Willis Drummond was appointed Commissioner of this office February 13, 1871. In his first annual report (see General Land Office Report for 1871, page 6) he said :

Upon assuming control of this office in the month of February last, I found nearly every branch of the business greatly in arrears. As almost, if not quite, the entire clerical force of the office is requisite and necessary to the prompt and proper execution of current work, the task of bringing up the business thus found in arrears has been a difficult one. Such progress has been made, however, as to justify the belief that this work may be accomplished in time with the force at present employed ; but I am fully satisfied that it would be to the interest of both the government and parties having business with this office for Congress to provide for a temporary increase of the clerical force, as, with such increase, a large amount of business which has been in arrears for months and years could be brought up immediately, and a great saving of time to the government and of expense to parties affected thereby.

In Commissioner Drummond's annual report of 1872, page 5, he said :

In my last annual report I referred to the fact that when I assumed control of the General Land Office in February, 1871, nearly every branch of the business was largely in arrears. The returns of local land offices remained unposted for periods ranging from several months to two years. The adjustment of registers' and receivers' accounts was in a similar condition. The field notes of township surveys, to which it is necessary to make frequent reference, had not been indexed for ten years. About 47,000 pieces of agricultural college scrip which had been located remained on the files of the office uncanceled, and, consequently, in such a condition as to involve the risk of its being abstracted and disposed of fraudulently. Notwithstanding the current business of the office has increased constantly and rapidly, all these arrears and many others have been brought up, and such progress made in the disposition of suspended and contested cases as to justify the belief that by the end of the present fiscal year they will be adjusted, and that thereafter parties who purchase lands of the government will not, as heretofore, be subjected to the suspense, anxiety, and loss consequent upon a delay of half a dozen years or more in the adjustment of their entries. These results are mainly attributable to the industry and faithfulness of the clerks employed in the office, many of whom not only performed what was required of them, but voluntarily contributed much of their time after office hours to the service of the government.



I beg leave to repeat the suggestions made in my last annual report in relation to the reorganization of the clerical force and appointment of special agents. When the vast extent of the public domain is taken into consideration, and when it is remembered that the validity of title to each and every tract on which a home may be made depends upon the accuracy with which the first details of transfer from the government to its grantees are executed, the importance of exercising critical care in the adjustment of all matters pertaining to the disposal of public lands will be apparent.

There is not an owner of a home in many of the States in the prosperous valley of the Mississippi, nor in the rapidly growing regions beyond that river, who does not depend upon the records of this bureau for evidence to complete the chain of title by which his home is held. Even from those regions of the West which have been peopled for the greatest length of time, this office is in constant receipt of applications for certified transcripts of records affecting the validity of title to lands which for ten, twenty, and even fifty years, have been under cultivation.

Were every acre of land now owned by the government sold or otherwise disposed of, there would still be ample necessity for the perpetuation of this bureau, with a clerical force by no means small, to afford information and furnish papers respecting the original transfer of title from the government. In many instances the necessity for these transcripts of records arises from errors and inadvertencies, either in construing laws or in the execution of the details of transfer, both of which inevitably lead to expensive and protracted litigation.

With a view to prevent, as far as may be possible, the further occurrence of such cases, I am impelled to call your attention, with the hope that proper legislation to meet the case may be invoked, to the great importance of placing within the reach of this bureau the means of securing such clerical aid as may be equal to a proper adjustment of the important questions constantly arising before it.

The work of the bureau should not only be done, but it should be done well. When performed imperfectly it requires double labor to make corrections, and parties are subjected to vexatious delays and unnecessary expense in matters which it is the duty of the government to render as speedy, simple, and inexpensive as possible. A knowledge of the laws and rulings of the land system cannot be acquired in a day, but it takes as long and careful study as to acquire a knowledge of any of the professions, and also much experience before the necessary degree of proficiency is attained. When clerks have once gained this knowledge and experience their services are invaluable to the government; but it is difficult to retain them, for the reason that the utterly inadequate salaries now paid too often fail to induce the more competent clerks to remain in the bureau after becoming fully conversant with the laws and departmental rulings relating to our land system, there being always more advantageous opportunities to exercise that knowledge in legitimate pursuits outside of the office, at rates of compensation with which the government, under existing laws, cannot compete. The statutes relating to public lands are numerous and complicated. In construing them, and in the adjustment of adverse claims arising under them, the questions this office is required to decide are sufficiently intricate to demand the best legal ability. The interests at stake are almost invariably of great moment, in most cases involving the lawful and peaceable possession and enjoyment of the lands of men struggling through poverty to secure, by hard industry, for themselves and families a home. To dispose of these questions in a proper manner, competent clerks should be employed and retained. This cannot be done for the compensation now allowed by law.

The heads of the various divisions of the bureau are charged with a responsibility second only to the head of the bureau, and should, in my opinion, receive a salary of not less than \$2,400 per annum. The number of clerks of the higher grades should be increased; a proportionate number could be taken from the clerks of the first class. Under a reorganization like this the work will be done better, and there will be an actual saving of time and money by the avoidance of errors in its execution.

In Commissioner Drummond's report for 1873, page 5, he said:

Notwithstanding this increase in the survey and sale of lands, which involves a corresponding increase in the work of this office, I have thus far been able to transact the current business and largely reduce the vast accumulation of unfinished work which I found on assuming control of the office, and to which I have alluded in previous reports, and the work of the office is now well advanced in most of its branches. The adjustment of ex parte homestead and pre-emption cases is now kept up to current dates. The number of contested cases awaiting adjustment has been much reduced, but, owing to the insufficiency of the clerical force, this class of work still remains somewhat in arrears.

When I took charge of the office there was a large accumulation of California private land claims unadjusted. This accumulation has been removed, and at this time only four cases are awaiting examination.

Notwithstanding the satisfactory progress thus far made in bringing up arrearages,



the business of the office is increasing so rapidly as to justify the conclusion that present arrearages cannot be brought up and the current business of the office transacted promptly without a thorough reorganization and increase of the clerical force of this bureau. I therefore respectfully, but earnestly, renew the recommendations made by me on this point in my last annual report.

In the annual report for 1874, page 7, Commissioner Burdett said:

In the annual reports of my immediate predecessor for the years 1871 and 1872, the necessity for a thorough reorganization and increase of the clerical force of the General Land Office was adverted to and discussed at length. I do not deem it essential to reiterate in form the facts and reasons by him clearly set forth in support of that necessity. My own experience amply justifies the belief that the urgency of his statement was moderate in view of the facts. Though very much was done during the efficient administration of the affairs of the office for the past three years to correct the evils flowing out of the accumulation of business theretofore existing, I am yet almost daily made painfully aware of the fact that both the public and private interests are suffering on account of a lack of adequate clerical force, and while I appreciate the purposes of economy which thus far prevailed against the urgent representations heretofore made to Congress on the subject, I must yet discharge my imperative duty in the premises by declaring that with the existing organization and force I am not able to execute the laws relating to the disposal of the public domain with that efficiency and economy demanded for the protection of both the public and individual interests.

In Commissioner Burdett's annual report for 1875, page 21, he said:

In my last annual report, and in those of my immediate predecessor for the years 1871, 1872, and 1873, the necessity for a thorough reorganization and increase of the clerical force of the General Land Office was urged as indispensable to the proper transaction of its business.

These representations resulted in provision being made by the last Congress for such increase in the number of clerks as has enabled me to put the business of the office in better condition than it has heretofore been for the past twenty years.

The current work is now dispatched with as great rapidity as is consistent with accuracy and safety to public and private interests. There remains, however, large accumulations of old suspended cases, which, from their nature, are difficult and slow of adjustment. They require the attention of the most competent and experienced of the office force. It is to be regretted that the final adjustment of these cases must be still longer delayed, owing to the want of a sufficient number of skilled men to take charge of their final disposition. I deem it my duty to again urge that steps be taken to bring to the notice of Congress the necessity of the reorganization of the clerical force heretofore referred to. I have no hesitation in declaring it to be my judgment that, considering the large body of laws to be administered, the manifold forms of proofs to be examined, the watchfulness against fraud constantly required, the immensity of the trust imposed, and the special skill and learning required in the settlement of the foundations, as is here done, of the titles of the whole estate of the people in lands derived from the government, places this bureau in a position of importance second to none other, and entitles it to an organization commensurate with the interests it is intended to subserve. It will be found, however, on comparison, that it is still restricted within the meager wants of its early organization, and that the salaries of its employés are among the lowest provided for the public service.

#### OFFICE ROOM.

The question of room for the use of this bureau has become an important one. There is now urgent need for larger space for the proper, safe, and economical transaction of its business and the preservation of its records. The space available for desks is now overcrowded; the file-rooms are filled to their utmost capacity; the meager space now available for desks and files has been preserved by thrusting out into the public halls of the department building some of the most important records of the office; should they be returned to the proper rooms, where they are in hourly demand, and where upon every consideration of their great value and importance they ought, for safety, to be, there would be left no working space whatever. The records thus insecurely placed are mainly the "tract books." They are the only indexes found in the General Land Office by which its varied transactions can be traced, and are in themselves, in a large sense, the original evidences of title to an estate found by the last census to be valued at \$4,749,409,940.

The relief which this system of storage has heretofore given has reached its utmost limit; space in the halls available for the purpose is now exhausted, and the daily accumulation of letters, returns, and records must henceforward trench on the now too limited working-room unless relief can be found by the assignment of additional rooms within the department building.



These records are of too great importance to be deposited in buildings outside the department, unless constructed specially for such purpose with a view to safety from fire, and even as now arranged in the department they are insecure from mutilation.

In my first annual report, 1876, page 14, I said:

Upon assuming the office of Commissioner I found a clerical force that had been considered by my predecessors in office inadequate to the efficient and prompt discharge of the work pertaining to it. Since then Congress, by act approved August 15, 1876, reduced the force more than 25 per cent., making it less at this time than it has been since the reorganization of the office by act of Congress approved March 3, 1855, while the business of the office is constantly increasing as new legislation is added to existing laws governing the disposition of the public lands, as evidenced by the multifarious railroad land-grants, the pre-emption and homestead laws, with their amendments, the timber-culture act, and the various Congressional grants for internal improvement, all tending to complicate and increase the work of this bureau. I find, moreover, upon comparing the salaries allowed clerks in this bureau with those allowed to clerks in other bureaus under the control of the Secretary of the Interior that they are much lower, as the following table will show:

*Tabular statement showing the number of clerks in each bureau of the Department of the Interior and salaries allowed by law.*

Bureaus.	\$3,000.	\$2,500.	\$2,250.	\$2,000.	Class 4, \$1,800.	Class 3, \$1,600.	Class 2, \$1,400.	Class 1, \$1,200.	Copyists, \$900.	Total number of clerks.
<b>PATENT OFFICE.</b>										
Assistant Commissioner .....	1									1
Examiner-in-chief .....	3									3
Principal examiners .....		23								23
Chief clerk .....			1							1
Examiner .....			1							1
Clerks .....				1	27	28	43	38	40	177
										206
<b>PENSION OFFICE.</b>										
Deputy Commissioner .....			1							1
Chief clerk .....				1						1
Medical referee .....			1							1
Clerks .....					26	52	84	123	25	310
										313
<b>GENERAL LAND OFFICE.</b>										
Chief clerk .....				1						1
Recorder .....				1						1
Law clerk .....				1						1
Principal clerks .....					3					3
Clerks .....					5	23	41	70		139
										145
<b>INDIAN OFFICE.</b>										
Chief clerk .....				1						1
Clerks .....					5	9	13	13	6	46
										47
<b>BUREAU OF EDUCATION.</b>										
Chief clerk .....					1					1
Clerks .....					2	2	1		4	9
										10

This year the Land Office is authorized by law to employ 145 clerks, including a chief clerk, recorder, and law clerk, at a yearly salary of \$2,000 each; 3 principal clerks at \$1,800; 5 clerks of class 4; 23 of class 3; 41 of class 2; and 70 of class 1, thus making 8 clerks who receive a salary of \$1,800 each, or about 1 in 20 of the whole



force above the third class, and not one who receives a salary of over \$2,000, while the Patent Office (which it will not be claimed is of more importance to the country than the General Land Office, upon whose records the title to almost every acre of land west and northwest of the Ohio to the Pacific is dependent) has a deputy commissioner and three examiners-in-chief, who receive a salary of \$3,000 each; 23 examiners and clerks at \$2,500 each; 1 chief clerk and an examiner at \$2,500 each; 1 clerk at \$2,000; 27 assistant examiners and clerks at \$1,800; 28 at \$1,600; 43 at \$1,400; 38 clerks at \$1,200; and 40 copyists at \$900 each; making 57 clerks who receive salaries ranging from \$1,800 to \$3,000, or about one in three of the whole force with a salary above \$1,600. By continuing the comparison with other bureaus in the department, we find the Pension Office with 29 clerks receiving salaries above the third class, being about one in ten of its clerical force; the Indian Office with 47 clerks, 6 of whom receive salaries above the third class, being in the proportion of one to eight; and the Bureau of Education, with its whole clerical force of 10 clerks, has 3 who receive \$1,800 each.

It will readily be seen by this statement that the General Land Office, which, considering the character and amount of work it has to perform, and needing the best talent that can be procured, has in fact the poorest provision in the matter of salaries, and consequently the poorest organization.

If it is assumed that the work of this bureau is of less importance than that of others, and requiring clerks of less ability, then that would be an apparent reason for the fact; but it is not true that the labor is less important or more easily performed. It differs only in character, but not in importance.

The difficulty, however, which the office labors under at present is not so much the lack of numbers as inability to obtain the talent required for the salaries allowed. A knowledge of the laws and rulings of the public land system cannot be acquired in a day, but takes as long and as careful a study almost as to acquire a knowledge of any of the professions, and much experience before the necessary degree of proficiency is attained. When clerks have once acquired this knowledge and experience their services become invaluable to the government; but it is difficult to retain them, owing to the inadequate salaries now paid by the government, and their services are eagerly sought for by railroad corporations, land companies, and legal firms having business before the office, at rates of compensation with which the government, under existing laws, cannot compete. Unless Congress provides more adequate compensation, there is nothing to induce a clerk having acquired a thorough knowledge of the laws and rulings relating to our land system to retain his position; and I must confess that, unless Congress provide by law for the reorganization of the clerical force now under my control, and for the payment of salaries adequate to the ability required, I feel myself unable to properly administer the laws relating to the public lands and do justice to the thousands of cases now pending, awaiting action, for the want of clerks possessing the ability to adjudicate them.

I would, therefore, respectfully request that the earnest attention of Congress be called to the subject, with a view that such legislation may be had as the exigencies of the case demand.

In my annual report for 1877 (see page 1) I said:

By reference to the statements of the condition of the work in the several divisions of the bureau, it will not escape your observation that a very large arrearage is shown, much of it the accumulation of former years, while a considerable percentage has been added during the year in consequence of the insufficiency of the clerical force to keep up with the constant press of the current business. Year after year my predecessors in this office have urged upon Congress the necessities of the public service in this regard, and since my induction as Commissioner I have labored with renewed effort to the same end. Thus far, however, it does not appear to have reached the judgment of Congress that a paramount need of the country is daily sacrificed upon the altar of a false economy, and the most sacred interest of the hardy pioneers of civilization, that of speedy acquisition and security of their homes and hearthstones, is continually ignored and disregarded.

By the regular appropriations for the current fiscal year, provision is made for one Commissioner, one chief clerk, one recorder, one law clerk, three principal clerks, five clerks of class four, twenty-two clerks of class three, forty clerks of class two, seventy clerks of class one, one draughtsman, one assistant draughtsman, two messengers, three assistant messengers, eight laborers, and two packers, to which an additional allowance was made by a clause in the sundry civil act to the amount of the expenditure of ten thousand dollars, available from March 3, 1877, to enable me to bring into market the vacant lands in the Southern States, under act of June 22, 1876. These allowances and provisions were greatly reduced from the estimates submitted, and have not sufficed, as before stated, to keep up the current work of the bureau. As an illustration, I would mention the fact that the correspondence in the public lands division is six months behindhand, not only causing great inconvenience to the office,



but absolute wrong to individuals, who, addressing the government upon important matters, are obliged to wait months for reply, instead of receiving answers at once, as would be the case were private individuals concerned in the same manner as the department.

It would seem to be a matter of the merest and commonest courtesy, as well of individual right, that letters received by the office, often involving matters of great moment to the settlers and others interested in acquiring the public lands, be speedily and properly answered in such reasonable time as will enable parties to take advantage of the season in the preparation for crops and the making of homes and improvements, without risk of an adverse decision tardily rendered, and often doubly vexatious and burdensome on account of the added time, labor, and expense devoted to the improvement of the lands of which they are deprived.

The contests relating to conflicting claims are still further in arrears. The examination of these conflicts cannot be undertaken by mere novices in official life, nor by men possessing even the highest order of clerical ability, without legal training, and the acquisition of those habits of care, research, and judicial observation which enter into the judgments of courts. No ordinary tests of admission to departmental clerkships will properly fill these positions. It is in consequence of these facts that this office is at present so far from efficient organization.

The compensation allowed to the classes of clerks necessarily assigned to the making up of official decisions in all branches of the bureau is too small to secure first-class men acquainted with law, and especially with land statutes, and with the current and routine of departmental practice, and possessing the requisite tact, discretion, and power of discrimination to act upon these important questions covering the elements of title to the entire body of lands disposed of by the government. The number of clerks should be largely increased in all the higher grades. Into these classes should then be introduced men of first-class talent and legal acquirements, ready versed in the law, and familiar, as far as possible, with the practice in land cases. The salaries of the heads of divisions appointed to superintend the work of these classes, including the recorder and law clerk, should be raised to \$2,500 each, and the chief clerk, who is required by law to act as Commissioner in the sickness or absence of the head of the bureau, or in case of vacancy in that office, and who must, therefore, be fully qualified for its duties, should receive not less than \$3,000 per annum.

With ten heads of division, including the recorder, law clerk, and three principal clerks, at \$2,500 each, ten clerks of class four as assistants, at \$1,800 each, a principal draughtsman at \$2,000, and an addition of ten to each of classes three and two above the number allowed by the last appropriation, I could so arrange the work as to double the efficiency of the office in a very short time. Without some additional assistance of this kind it must remain for an indefinite period in its present very unsatisfactory condition.

In my annual report for 1878, page 145, I said :

In the foregoing report I have endeavored to present a brief statement of the business transacted by this office during the fiscal year ending with the 30th June, 1878, and to exhibit, at least approximately, the character and extent of the duties devolved upon it by existing laws. It will be seen therefrom that the work to be performed is far in excess of the clerical force provided, and that much of it is of a character calling for more than merely clerical ability for its proper performance. The result is to be seen in the extent to which the work of the office has fallen in arrears. Thousands of letters, which should be answered, remain unattended to on the files. Returns of transactions in the surveying and land districts, which should be posted into the books provided for the purpose, remain unposted. Hundreds of contested cases, which should be promptly examined and decided as fast as they arise, are untouched. This condition of things cannot be changed for the better, but on the contrary must grow worse from day to day as long as the inadequacy of the clerical force is permitted to continue. In the discharge of my duty in this respect, I can but refer to the representations made in my last annual report of the need of an increase of the number of clerks and a reorganization of the office. It rests with the legislative authority to supply this need by appropriate legislation.

The land commission appointed under act of Congress approved March 3, 1879, making appropriation for the sundry civil expenses of the government for the fiscal year ending June 30, 1880, after a laborious tour through the public land States and Territories, where the workings of the land system were carefully examined, the testimony of hundreds of witnesses taken, and the necessities of the service most cautiously estimated, in their report to Congress (see pages xi to xiv, inclusive) said :

The machinery of the land system lies at the threshold of the successful adminis-



tration of the law. If defective and incomplete in its organization, it will not be operative from inherent weakness; and the law will, in the ratio of such weakness, remain a dead letter upon the statute book. If cumbersome and complicated it will, by cumulative delays and excessive cost, impair and retard the operation of the law it was intended to execute. The commission has sought to put the officers of the land system on such footing in point of numbers and powers as would, at a minimum expenditure, secure a maximum efficiency. The present organization was adopted many years since, and it has not been perfected to keep even step with the administrative growth of the system. In the last twenty years the surveying districts have increased from 10 to 16; the district land offices from 53 to 94; the acres annually surveyed from four millions to more than double that quantity; and the acres annually disposed of from three millions to over nine millions. During nearly the same period the system of land grants to aid the construction of railroads and wagon roads has been matured; the swamp land, agricultural college, and other grants to States have been made; the homestead laws and the timber culture laws have been enacted; the practice of selling the fee to the mineral lands has been engrafted upon our legislation; and by Indian treaties and the acquisition of Mexican lands the area of our public domain has been enlarged. The adjustment of each of these involves the settlement of difficult questions of the most important character both to the settler and to the government. The business imposed upon the land organization has been thereby largely augmented, and the executive labor arising therefrom has been proportionately increased. But Congress has heretofore met their increased demands only with temporary expedients, and the permanent organization of the General Land Office is even smaller to-day, when the population of the country has swollen to 48,000,000, than it was when only 27,000,000 acknowledged one national authority. The prosperity of a nation is interwoven with the security of its land titles; and the titles to our public domain depend largely for their security upon the accuracy and promptness of the operations of the Land Bureau and its subordinate agencies. It is important that the officers of that organization should be of sufficient integrity and trained capacity to qualify them for the lawful adjustment of the intricate and delicate questions of fact and of law constantly arising in the administrative construction of the various statutes which constitute our land system. Duties of such responsibility require men of experience and ability, and for their employment and their retention an adequate compensation should be provided. The temporary expedients heretofore resorted to in Congressional enactments have been uniformly an increase of low-grade officers, with small compensation. But brains command a market price as well as merchandise; and while the increase of small salaries has augmented the hands and feet of the organization, it has not materially enlarged the volume of intellectual power to direct their movement. The organization has had an excess of physical force, and a deficiency of brain force. The commission has sought to increase the latter, and to diminish the former. Taking the entire land organization, the commission has increased the compensation and the number of the higher-grade officers, and has thus augmented the expenses by about \$50,000; but it has also abolished useless officers, and reduced the number of low-grade employés, so as to diminish in that direction the expenses about \$90,000. An aggregate saving of about \$40,000 would result to the annual appropriations for the land service if the whole of our recommendations should be adopted, which we do earnestly recommend in the interest of a wise and sound economy.

#### GENERAL LAND OFFICE.

The Commission respectfully ask a careful consideration by Congress of its statement regarding the officers and clerical force of the General Land Office, their salaries, and the duties they perform, and the recommendations for securing greater efficiency in that office.

The General Land Office was organized as a separate bureau in the Treasury Department by an act of Congress approved April 25, 1812. The duties, though important, were simple, and without many complications at that time. The public lands were disposed of only by sales for cash. No grant of any kind had then been made; no mining laws were in existence; the population of the country was comparatively small, and settlement upon the public lands proportionately slow. The thirteen original States were sparsely populated, and immigrants and native-born citizens found homes mostly within their limits, while settlements were founded but slowly in the Northwest Territory. The Commissioner of the General Land Office, for the comparatively unimportant duties then to be performed, was allowed the same salary as was allowed "the Auditor" of the Treasury; and it remained the same until the year 1836, when the office was reorganized, and the salary of the Commissioner was fixed at \$3,000 per year, and has since been raised to \$4,000, which amount is not adequate to the duties and responsibilities of the office. The salary should be equal to that of any other bureau officer of the government.

At the date of the reorganization in 1836 there was still comparatively little to do



in the General Land Office. The method of disposal of the public lands was the same as in 1812, the amount disposed of being greater. The territory acquired by the treaty of Guadalupe Hidalgo and by the Gadsden purchases was very great in extent, and consisted largely of grants and private holdings which were not segregated from the mass of public domain acquired by said treaties. The work of ascertaining the nature, extent, and boundaries of the grants and private holdings, and segregating and patenting the same, which was devolved upon the General Land Office by laws made in pursuance of those treaties, has been for many years more difficult, requiring a higher order of ability than all the work of the office prior to the date of the treaties named. In addition to the private land claims, and since the date at which their settlement became a duty of the office, all or nearly all land grants by the government, such as grants to aid in the construction of railroads and telegraph lines, the grants of swamp and overflowed lands to the States, the grants for wagon roads, agricultural colleges, internal improvements, university grants, common-school grants, and grants for slackwater navigation have been made, and their adjustment added to the other duties of the Land Office. The homestead, timber-culture, mineral, and bounty-land acts have also to be added to the great volume of work that has in the last quarter of a century been laid upon the General Land Office under the various acts of Congress. The work of selling lands for cash and the adjustment of Virginia military scrip, which comprised nearly the whole duty of the office until about the year 1850, would not make any perceptible difference in the work of the office to-day if it were entirely withdrawn or added to it; and yet, strange to say, the clerical force of the office was greater during some part of that time than it was in the years 1877 and 1878, and nearly equal to what it is in the year 1880.

The conflicts arising between the government and grantees and between settlers and grantees require the best ability for their adjustment. Questions which thus arise are at all times pending before the office. Cases involving greater amounts come before the General Land Office than before any other branch of the executive department of the government. The difference between what the beneficiaries of a land grant may claim and what may be awarded often amounts to millions of dollars in value. The adjudication of many cases involving millions of dollars' worth of property is not infrequent. Prior to the acquisition of the territory in which private land claims are situated and the enactment of laws granting lands equal to the area of one and a half States the size of Pennsylvania to a single corporation, and the enactment of laws for the sale of mineral lands, cases involving more than a few hundred dollars could not often arise.

Notwithstanding the great increase of labor in this office, and the change in the character of the work, requiring higher and better qualifications, the law officer of the bureau and its principal clerks are paid only the salaries fixed by law forty-four years ago, when the salaries of members of Congress were fixed at \$8 per day for the time employed. Since then all grades of salaries, save those of low-grade officers who toil throughout the year without vacation have been greatly increased. Increase of numbers of clerks at low salaries has from most urgent necessity been allowed by law.

The Commission, with a view to bettering the service, would respectfully recommend the reorganization of the General Land Office, shown in the following tables, which show the difference between the present and the proposed organization:

## PRESENT ORGANIZATION.

1 Commissioner, at \$4,000.....	\$4, 000
1 chief clerk, at \$2,000.....	2, 000
1 recorder, at \$2,000.....	2, 000
1 law clerk, at \$2,000.....	2, 000
1 principal clerk public lands, at \$1,800.....	1, 800
1 principal clerk private land claims, at \$1,800.....	1, 800
1 principal clerk surveys, at \$1,800.....	1, 800
6 clerks class four, at \$1,800 each.....	10, 800
1 draughtsman, at \$1,600.....	1, 600
22 clerks class three, at \$1,600 each.....	35, 200
1 assistant draughtsman, at \$1,400.....	1, 400
40 clerks class two, at \$1,400 each.....	56, 000
80 clerks class one, at \$1,200 each.....	96, 000
30 clerks class one, at \$1,000 each.....	30, 000
9 copyists, at \$900 each.....	8, 100
9 assistant messengers, at \$720 each.....	6, 480
6 packers, at \$720 each.....	4, 320
12 laborers, at \$660 each.....	7, 920



## PROPOSED ORGANIZATION.

1 Commissioner, at \$6,000 .....	\$6,000
1 assistant commissioner, at \$3,000 .....	3,000
1 chief clerk, at \$2,500 .....	2,500
1 solicitor, at \$2,700 .....	2,700
1 recorder, at \$2,400 .....	2,400
1 clerk in charge of surveys .....	3,000
9 chiefs of division, at \$2,400 each .....	21,600
1 chief draughtsman, at \$2,200 .....	2,200
10 assistant chiefs of division, at \$2,000 each .....	20,000
15 clerks, class four, at \$1,800 each .....	27,000
35 clerks, class three, at \$1,600 each .....	56,000
40 clerks, class two, at \$1,400 each .....	56,000
50 clerks, class one, at \$1,200 each .....	60,000
10 draughtsmen, at \$1,200 each .....	12,000
20 clerks, at \$1,000 each .....	20,000
10 copyists, at \$900 each .....	9,000
2 packers, at \$840 each .....	1,680
1 chief messenger, at \$840 .....	840
9 assistant messengers, at \$720 each .....	6,480
12 laborers, at \$720 each .....	8,640
229 .....	321,040

The Commission would recommend a much larger force for one or two years if there were room in which to advantageously place it. The room allotted to the General Land Office is not quite the worst that it could be, nor is it wholly inadequate, but it approximates both. The immense bulk of valuable records of the office is stored in cheap wooden cases, in dark rooms, and darker halls, to which clerks must constantly go for examination of files of papers and volumes of records, which, when found, cannot, in dark or cloudy weather, be read without carrying them to a window, which may be a hundred feet away. It may be safely estimated that the want of more convenient and suitable room costs the government the one-fourth part annually of all money appropriated for clerical force in the General Land Office.

If there were sufficient and suitable room for the purpose, it would be both wisdom and economy to add as largely to the clerical force as might be necessary to enable the Commissioner to thoroughly inspect the records of the office and ascertain errors, reproduce all mutilated and worn out records while it may be done; but the room is not sufficient, and the best thing that can be done, until room is provided, is to give the maximum force that can be employed, and pay salaries high enough to get good, if not the best, talent.

After the necessity for a reorganization of this office has been thus called to the attention of Congress for nine successive years by three different Commissioners and by a commission of eminent men appointed under an act of Congress for the specific purpose of ascertaining the condition of the public land system of laws and service, I am constrained to believe that further evidence to show that the public interests require a thorough reorganization of the clerical force of this office should be altogether unnecessary. The reasons, however, upon which said annual recommendations were based, are continually assuming a more imperative character.

The following is a statement of the clerical force of this office, exclusive of messengers, laborers, and packers, annually provided, commencing with 1876:

For the year ending June 30, 1876 .....	156
For the year ending June 30, 1877 .....	145
For the year ending June 30, 1878 .....	145
For the year ending June 30, 1879 .....	151
For the year ending June 30, 1880 .....	195
For the year ending June 30, 1881 .....	195

The work of the office in 1876 was largely in arrears.

The total disposals of lands in the year 1876 were 6,524,326.36 acres. The total disposals in 1880 were 14,792,371.65 acres, showing an increase of over 126 per cent. The increase in the clerical force in 1880 over 1876 was about 26 per cent.



The increase in sales of land for cash and under the homestead and timber-culture laws, commencing with the year ending June 30, 1876, is shown in the following table:

*Number of acres sold for cash in the years ending June 30—*

1876 .....	640, 691
1877 .....	740, 686
1878 .....	877, 555
1879 .....	622, 573
1880 .....	850, 741

And in the same period there were entered under the homestead laws—

1876 .....	2, 875, 909
1877 .....	2, 178, 098
1878 .....	4, 418, 344
1879 .....	5, 260, 111
1880 .....	6, 045, 570

And under the timber-culture act—

1876 .....	607, 984
1877 .....	520, 673
1878 .....	1, 870, 434
1879 .....	2, 766, 573
1880 .....	2, 193, 184

But the necessities of this branch of the public service, and the interests represented in its transactions, cannot be understood from said figures alone.

Laws have multiplied; no session of Congress closes without new and varied legislation involving the public lands. Lands are of greater value than formerly, and as the country is settled and filled up, this increase in value will continue, and with it contests by conflicting claimants will be more numerous and more vigorously prosecuted. The existing cases, which have been pending and in controversy for years, are complicated and difficult, requiring for their correct disposition the *best legal talent*. The mineral lands are inviting the capital and enterprise of the country for their development; and these cases, not unfrequently involving millions of dollars in value, and in which the best legal talent of the country is employed as counsel, manifestly should be examined and decided by able lawyers; and the controversies growing out of conflicting claims of every character, all render it simply beyond reasonable question by any sensible person that a high standard of ability in those who decide these cases, involving the homes and fortunes of individuals no less than the public interests dependent upon peace of title and the sound administration of law, is imperatively demanded. Yet it will be seen, by a comparison of the clerical force provided in 1876 with that for the present year, that the increase is almost entirely represented by clerks at salaries of \$1,200, \$1,000, and \$900. Now, while a limited number of copyists can be profitably used, yet, with a practical personal knowledge of this office and its work since the spring of 1876, I would be recreant to my trust should I fail to declare with the greatest emphasis that it is *absolutely absurd* to expect that the immense and varied interests adjusted by this office can be properly disposed of by clerks who can be hired at \$1,000, \$1,200, or \$1,400 salaries.

The *necessity* of this office is able men of legal education and mature judgment, and without them the administration of its affairs must be measurably defective and discreditable.

With the force employed at the salaries now provided, it practically results that a very few of the ablest men in the entire office are over-worked days, nights, and Sundays, in the effort to properly perform the



grave duties imposed by law; and it is beyond question necessary that a higher grade of ability should be secured than can be had in the market at the low salaries above named.

The history of this office for the past ten years proves the almost invariable rule to be, that its ablest men resigned from the office after acquiring proficiency in the business for more lucrative positions. Whenever a man is employed who develops uncommon ability and value, it is confidently expected that he will remain for a limited time only. The work is difficult, and the pay is insignificant in comparison; hence the result cannot be doubtful.

The Patent Office has a deputy commissioner at a salary of \$3,000. In my judgment there is an equal necessity for the deputy commissioner for the General Land Office at a salary at least as great, for no office in the executive branch of the government requires men of greater ability or needs more diligent service than the General Land Office.

Now the chief clerk performs the duties of the Commissioner during his absence from any cause and receives a salary of \$2,000.

The following provision should be made for this office in addition to the Commissioner:

1 deputy commissioner.....	\$3,000
1 chief clerk .....	2,500
1 law officer.....	3,000
1 chief of division of surveys.....	3,000
1 chief of division of mineral lands.....	3,000
1 chief of division of private lands .....	3,000
1 chief of division of homesteads .....	2,400
1 chief of division of pre emptions.....	2,400
1 chief of division of railroads .....	2,400
1 chief of division of swamp-lands .....	2,400
1 chief of division of accounts .....	2,400
8 assistant chiefs of division, at \$2,000 .....	16,000
1 receiving clerk.....	2,000
1 recorder .....	2,000
20 clerks, class 4 .....	36,000
60 clerks, class 3 .....	96,000
50 clerks, class 2 .....	70,000
40 clerks, class 1 .....	48,000
15 copyists, at \$900.....	13,500
9 assistant messengers, at \$720.....	6,480
12 laborers, at \$660.....	7,920
6 packers, at \$720 .....	4,320

The number of clerks above mentioned is all that can profitably be employed with the office room furnished.

The large and increasing accumulation of tract books, plats of surveys, field-notes of surveys, records of patents, registers of official papers, records of correspondence, dockets of contested claims, returns of registers and receivers, records of testimony in contested cases, and the files of ex parte entries and proof, and correspondence, &c., occupy a very large space. The rooms are crowded with clerks' desks, books, files, &c., and large numbers of tract books, which contain the record of every entry, filing, selection, grant, or other disposition of every tract, and which have to be consulted continually in the daily work of the office, as well as records of patents, are stored in the corridors of the building to a degree rendering these invaluable records insecure, and involving a vast and unnecessary waste of labor, both by reason of their position remote from the clerks, and the fact that the light is so dim that the books have to be carried to some place where light can be secured and then returned again to their places.

The want of sufficient and conveniently arranged rooms unquestiona-



bly involves a large percentage of loss annually, and I feel well assured that were this fully remedied the saving to the government, in work accomplished, would in a few years actually reimburse it for the expense necessary to construct the proper building to accommodate the office and preserve its records for all time. Much of the business of this office is far removed from merely clerical work, and the embarrassments resulting from examination of large records of testimony, and writing important and difficult decisions, in rooms overcrowded with clerks engaged in various duties, can be readily understood. No well regulated private business would fail to receive improvement in the respect named.

The recommendations herein are substantially the same as have been made by my predecessors in office, and others, whose investigation of the subject entitles their conclusions to great respect. I differ only in respect to the prices which should be paid for competent services, and possibly, though not probably, in my estimate of the benefits to be derived from proper and commodious office room. I am not, however, necessarily at variance with my predecessors in any respect, inasmuch as I contemplate the condition of the office *as it is at the present time*, and speak with the advantage of additional experience, and a knowledge of existing difficulties. The necessity of the office and the public and private interests involved is, to-day, a far more competent corps of men, and additional office room.

In conclusion, I frankly acknowledge my embarrassment in presenting again the pressing necessity for a thorough reorganization of this office. Every year for ten years last past, the same subject has been called to the earnest attention of Congress. The leading men in the office have with almost superhuman efforts labored unceasingly to sustain the character of the bureau and carry forward its great work, the adjudication of the land titles of our vast territory, which has swiftly been organized into wealthy and populous States. The magnitude, the difficulty, and the national importance of the work can hardly be overstated, and it would seem self-evident that it cannot be done, and *well done*, except by able men, and, so far, no provision at all commensurate with the magnitude of the interests involved has been made.

I further suggest, in order that Congress may be fully advised of the necessities of this office, that a committee, composed of members from the Senate and House of Representatives, make a thorough examination of the office, and report their conclusions and recommendations to that body.

Very respectfully, your obedient servant,

J. A. WILLIAMSON,  
Commissioner.



# ANNUAL REPORT.

DEPARTMENT OF THE INTERIOR,  
GENERAL LAND OFFICE,  
October 18, 1880.

SIR: With reference to the business transacted by this office during the fiscal year ending with the 30th June, 1880, under the laws for the survey and the disposal of the public lands of the United States, I have the honor to report that there were surveyed during that period an aggregate area of 15,699,253 acres of public lands, besides 652,151.37 acres embraced in private land claims, showing an increase in the former of 7,253,471 acres over the previous fiscal year. The total area of public lands surveyed from the beginning of operations up to the close of the last fiscal year is 752,557,195 acres, leaving as the estimated area of the public domain yet unsurveyed, 1,062,231,727 acres. The great increase observable in the surveys of public lands during the fiscal year is attributed to the operation of the act of March 3, 1879, amendatory of section 2403 of the United States Revised Statutes, which admits of surveys being made on deposits by individuals of the estimated costs, and makes the certificates issued on such deposits assignable by the depositors and receivable from settlers in payment for public lands.

The disposals of public lands during the fiscal year ending June 30, 1880, amount to 14,792,371.65 acres, being an increase of 5,458,988.36 acres over the previous fiscal year. This aggregate of disposals is made up as follows, viz:

	Acre.
Cash entries.....	850,740.63
Being an increase of 228,166.67 acres as compared with the previous fiscal year. In the above total of 850,740.63 acres is included the amount of 155,639.35 acres, entered under the desert land act of March 3, 1877.	
Homestead entries.....	6,045,570.60
Being an increase of 785,459.31 acres over the previous fiscal year.	
Timber culture entries.....	2,193,184.12
Being a decrease of 573,389.81 acres as compared with the previous fiscal year.	
Agricultural college scrip locations.....	1,280.00
Being an increase of 320 acres over the previous fiscal year.	
Locations with military bounty land warrants, under acts of 1847, 1850, 1852, and 1855.....	88,522.00
Being an increase of 37,702 acres over the previous fiscal year.	
<i>State selections approved:</i>	
For school indemnity.....	206,089.06
For internal improvements.....	223,140.80
For agricultural colleges.....	2,360.46
For public buildings.....	3,599.67
	435,189.99
Being an increase of 248,798.26 acres over the previous fiscal year.	
<i>Scrip locations:</i>	
With Sioux half breed scrip.....	4,151.48
With Chippewa half breed scrip.....	3,040.00
With Valentine scrip.....	1,720.00
With Cole's scrip.....	1,514.27
With Choctaw scrip.....	480.00
	10,905.75
Being an increase of 6,249 acres over the previous fiscal year.	



	Acres.
Locations of certificates issued under the acts of June 2, 1858, and June 22, 1860, in lieu of lands embraced in private claims, but not taken in place .....	195, 516. 92
Being an increase of 107,943.48 acres over the previous fiscal year.	
	<hr/> 9, 820, 910. 01
Donation claims in Oregon and Territories of Washington and New Mexico, for which certificates have issued, under acts of 1850, 1853, and 1854 .....	36, 552. 50
Entered under settler's relief act of March 3, 1875.....	160. 00
	<hr/> 9, 857, 622. 51
Lands patented to States as swamp, under act of September 28, 1850, or approved as such to Louisiana, under the act of March 2, 1849, which has the effect of a patent .....	3, 757, 888. 99
Being an increase over the amount patented during the previous fiscal year of 3,682,500.91 acres.	
	<hr/> 13, 615, 511. 50
Lands certified for railroad purposes .....	1, 157, 375. 01
Being an increase over the previous fiscal year of 879,040.90 acres.	
Lands certified for wagon road purposes.....	19, 485. 14
	<hr/> 1, 176, 860. 15
Total number of acres disposed of for the fiscal year, being an increase of 5,458,988.36 acres over the previous fiscal year.....	14, 792, 371. 65
The aggregate of moneys received during the fiscal year ending June 30, 1880, is \$2,290,161.60. This amount exceeds by \$407,048.04 the amount received during the previous fiscal year, and is made up as follows, viz :	
Purchase money of lands sold .....	\$1, 255, 583 90
Homestead fees and commissions.....	657, 215 18
Timber culture fees and commissions.....	196, 887 00
Fees on donation certificates.....	1, 805 00
Fees on pre-emption filings .....	62, 965 00
Fees on homestead filings.....	6, 588 00
Fees on mineral applications and protests .....	21, 460 00
Fees on coal filings .....	362 00
Fees on timber land entries .....	1, 700 00
Fees on military bounty land warrant locations.....	2, 134 50
Fees on agricultural college scrip locations .....	16 00
Fees on Valentine scrip locations.....	43 00
Fees on State selections.....	60 00
Fees on railroad selections .....	21, 705 86
Fees on wagon road selections.....	1, 711 00
Fees on reducing testimony to writing, or examining and approving testimony in homestead cases, by district land officers, and for transcripts furnished by them from their records .....	43, 214 21
Fees for certified copies furnished by this office under section 461 Revised Statutes.....	7, 043 05
Fees from miscellaneous sources.....	9, 667 90
	<hr/> 2, 290, 161 60

During the last fiscal year there were received at this office 90,076 letters, a greater number by 7,501 than were received during the previous fiscal year. During the same period the number of letters written, recorded, and sent out from this office was 62,115, an increase of 2,502 over the previous fiscal year.

#### SURVEYS.

An appropriation of \$300,000 for the survey of the public lands for the fiscal year ending June 30, 1880, was made by act of Congress approved March 3, 1879. This amount was apportioned by the department to the several surveying districts as follows :



To the district of—

Arizona .....	\$10,000 00
California .....	37,156 59
Colorado .....	35,000 00
Dakota .....	46,000 00
Idaho .....	13,000 00
Louisiana .....	14,000 00
Minnesota .....	20,000 00
Montana .....	14,000 00
Nebraska .....	20,000 00
Nevada .....	10,000 00
New Mexico .....	10,000 00
Oregon .....	20,000 00
Utah .....	12,000 00
Washington .....	18,000 00
Wyoming .....	12,000 00

Amount apportioned for field work..... 291,156 59

Additional apportionment to sundry survey districts ..... 8,843 41

300,000 00

By said act of Congress there was also appropriated for surveys of private land claims during the year—

In Arizona .....	\$15,000 00
In California .....	7,500 00
In New Mexico .....	10,000 00

Making a total of..... 32,500 00

There was also appropriated for occasional examination of public surveys in the several surveying districts, &c., \$8,000; and for surveying Indian lands in Dakota \$10,000; making an aggregate of the appropriation of \$350,500.

Under the foregoing appropriations and apportionment, the surveyors general of the respective surveying districts have reported progress of the operations conducted by their deputies, the returns of which, as passed upon by this office, and certified to the First Comptroller of the Treasury for payment, amounted to 15,699,253 acres of public lands surveyed during the fiscal year ending June 30, 1880; 652,151.37 acres of private land claims, and 67,063.90 acres of Indian reservation for the Red Cloud and Spotted Tail bands of the Sioux Nation of Indians in Dakota Territory.

The extent of surveyed lands, in the districts severally considered, is as follows:

Land States and Territories.	Area in acres.	
	Public land.	Private land claims.
SURVEYING DISTRICTS.		
Arizona .....	308,521.21	149,258.89
California .....	3,792,630.10	58,708.11
Colorado .....	2,775,601.81	
Dakota*	2,130,808.59	
Idaho .....	225,637.24	
Louisiana .....	80,504.58	
Minnesota .....	296,253.46	
Montana .....	302,413.55	
Nebraska .....	709,179.33	
Nevada .....	928,694.07	
New Mexico .....	1,624,156.41	444,184.37
Oregon .....	1,052,221.85	
Utah .....	440,585.79	
Washington .....	847,595.29	
Wyoming .....	184,449.68	
Totals .....	15,699,252.96	652,151.37

\* 67,063.90 acres are embraced in the Red Cloud and Spotted Tail Indian reservations.



For more particular details of the field operations during the fiscal year, reference is made to the following abstract prepared in this office from the accompanying annual reports of the surveyors general, designated by letters A to P inclusive.

*Arizona.*—Under the assignment of appropriation of \$10,000 for the fiscal year ending June 30, 1880, two contracts for surveys were made, the audited accounts of which amounted to the entire appropriation.

The amount of special deposits for the survey of public lands was \$190, which was expended.

A balance of \$1,470.94 of individual deposits for office work remained on hand June 30, 1879, and the amount deposited during the last fiscal year was \$1,910, making a total of \$3,380.94; of which \$1,423.99 were expended, leaving an unexpended balance of \$1,956.95.

Of the apportionment of appropriation of \$10,500 for the survey of private land claims during the year, \$3,419.36 were expended under six contracts, and \$1,000 were transferred to fund for office expenses, leaving an unexpended balance of \$6,080.64.

The apportionment of appropriation for office expenses of surveys of private land claims was \$4,500; to which \$1,000 were transferred from fund for surveys, as stated, making a total of \$5,500; of which \$4,551.22 were expended, leaving an unexpended balance of \$948.78.

The appropriation of \$5,750 for the salaries of the surveyor general and his clerical force was entirely expended, as also the appropriation of \$1,500 for incidental expenses.

Seventy-five plats of standard, township, and section lines; 156 of mining and mill-site claims; 16 of private land claims; and 3 of town site boundaries, making a total of 250, were prepared during the year.

The area surveyed during the year, is as follows: Public lands in 22 townships, 400,168.71 acres; private land claims, 146,587.23 acres; mining and mill-site claims, 659.16 acres; total, 547,415.10 acres. Area surveyed prior to June 30, 1879, 4,707,214.32 acres. Total area surveyed to June 30, 1880, 5,254,629.42 acres, less 1,906.89 acres of river lands and 902,473.03 acres of unsurveyable lands. Number of miles surveyed during the year, 1,652.

The number of mining and mill-sites surveyed was 39.

The surveyor general reports that with the exception of small tracts widely separated, all of the agricultural public lands, which are naturally irrigated or may be artificially with moderate outlay of labor and money in the territory, have been surveyed. He refers at length to the necessity of Congressional action in the matter of the vast area of arid lands in the territory; and quotes from, and heartily indorses the recommendations of, the Land Commission in their report to Congress. He claims that until the necessary legislation is had to secure the co-operation of capitalists, "there will be no need for the survey of but little more land for tillage."

On September 1, 1879, the surveyor general's office was regularly opened for examination and report on private land claims. A suitable safe had been procured for the custody of the original title papers filed, a thorough Spanish scholar employed, and all the necessary legal data bearing upon the subject obtained. Seven cases, aggregating an area of  $49\frac{3}{4}$  square leagues, have been carefully examined and reported upon, and 17 leagues had been recommended for rejection.

The surveyor general feels confident that if claimants will do their duty, the labor of the present fiscal year will conclude the preliminary investigations and surveys of the Spanish and Mexican private land



claims in Arizona, save those for a few small tracts made by captains of presidios.

The exterior boundaries of San Carlos Indian Reservation are still unsurveyed, which discourages mining enterprises on its western border and foments mischief. In the interest of Indians, miners, settlers, and the government, the lines of that reservation should be established.

Progress in the various branches of industry have been equal to, and in mining and railway building above, estimates made a year ago.

Arizona is no longer an unknown territory, mastered by Apache Indians and isolated from easy and rapid lines of reasonably cheap communication.

*California.*—The assignments of appropriation to this district for the surveys of public lands for the fiscal year ending June 30, 1880, were \$36,732.85 for agricultural lands, and \$3,510.40 for timber lands, under which twelve contracts were made, and the amounts of appropriation fully expended.

The amount of special deposits for the survey of public lands during the year was \$170,980.70, of which \$152,141.78 were on account of surveys of public lands and lands selected by railroad companies, and \$18,838.92, on account of office work on surveys of townships. Eighty-six contracts were made for surveys of public lands under special deposits.

Of the appropriation of \$7,500 for the survey of, and office expenses connected with, private land claims, \$2,296.82 were expended under four contracts for surveys, and \$3,496.22 for office expenses. Fifteen claims were surveyed, and the papers on survey in 17 claims were transmitted to the General Land Office. Notices of survey of 21 claims were published; several surveys are before the office under contest, while hearings in other cases under protests filed will soon be commenced.

The area of public lands surveyed during the year was 4,730,302.16 acres; number of miles run, and marked, 14,259.

The amount of special deposits for office work in the survey of mining claims was \$7,681. Number of mining claims surveyed, 117; number of plats made, 2,108. Total number of transcripts of field notes made and transmitted, 879, of which 399 were to the General Land Office, and 480 to district land offices.

Of the apportionment of \$800 for examinations of surveys in the field \$343.41 were expended. Under the appropriation of \$1,000 for the purchase of iron safes for custody of archives, \$983.25 were paid out.

The appropriation of \$2,750 for the salary of the surveyor general was expended; and of the appropriation of \$3,000 for stationery, pay of messenger, and incidental expenses, \$2,992.65 were paid out.

Under the appropriations of \$9,000 for translating, copying, and indexing the Spanish archives, and \$11,000 for compensation of clerks and draughtsman, \$19,985.43 were expended. The following lists, catalogues, papers, copies, &c., in connection with the Spanish archives are forwarded with the annual report and made part thereof:

List of original papers filed with the United States Board of Land Commissioners. Catalogue of original expedientes or records in relation to land claims in Upper California under the Spanish and Mexican Governments, with references to the same, arranged in alphabetical order as now on file. Alphabetical list of names of private land claims acted upon by former governments. Alphabetical list of approvals of grants of lands by the departmental assembly of California. Numerical lists of 580 complete and 315 incomplete expedientes. List of cases in which documents relative to private land claims have been deposited



in archives since the annexation of California to the United States. List of grants recorded in books of titles, Nos. 1 and 2, for which there are no corresponding expedientes, and the claims for which do not appear to have been presented to the United States Board of Land Commissioners. List of unclaimed grants (Upper and Lower California). List of bound volumes of California Spanish archives on file. Copy of "Jimeno's Index of Land Claims acted upon by the Government of California under Mexico," and continuation of index after delivery by Jimeno.

The surveyor general's estimates for the surveying service for the fiscal year ending June 30, 1882, are as follows: For the survey of standard and exterior lines, \$60,000; subdivisional, \$50,000; timber lands, \$40,000; private land claims and office expenses, \$10,000; examinations of surveys in field, \$5,000; clerks and draughtsmen, \$20,000; arrears of office work, \$20,000; stationery, messenger, and incidental expenses, \$6,000; reproduction and translation of Spanish archives, \$9,000; iron posts for corners, \$3,000; making a total of \$226,000.

The surveyor general is of opinion that as the surveys of the public lands in the district are so nearly finished it would be false economy to delay their completion by small appropriations.

A combination of the contract and salary systems of surveys is recommended, the latter for the extension of standard and meridian and some township exterior lines, and the former in ordinary township and section lines. For the survey of isolated patches of land, valuable, but unsurveyable under the contract system, the employment by the day of one or two competent surveyors, with chainmen and axmen, and the purchase of outfits, are recommended.

The use of iron monuments to mark the corners of the public surveys should be adopted without delay. A design of monument and full data regarding the same are submitted.

The surveyor general's recommendation in his last report relative to leasing grazing lands is renewed, as is also his recommendation that the provisions of section 2401 of the Revised Statutes of the United States be so amended that persons who may be entitled to acquire lands under *any* law of the United States may have a survey made of unsurveyed lands under said section. This amendment would apply to timber lands which differ in character according to location. Their survey into 40-acre tracts, classification, and valuation is recommended.

Lands on the western slope of the Sierra are excellently adapted to the growing of fruits and vegetables. The fruit trade between the State and the East has become a great business, and will be one of California's most important resources and be largely supplied from these neglected lands.

The area of the State is estimated at 100,500,000 acres, divided as follows: Agricultural and mineral lands surveyed to June 30, 1880, 53,784,416 acres; same unsurveyed, 34,281,352 acres; private grants patented, 8,261,140 acres; same not settled, 497,010 acres; Indian and military reserves, 318,631 acres; lakes, islands, bays, and navigable rivers, 1,513,700 acres; swamp and overflowed lands surveyed, 1,610,037 acres; same unsurveyed, 110,714 acres; salt marsh and tide lands around San Francisco Bay, 100,000 acres; same around Humboldt Bay, 5,000 acres.

Many private land claims have been cut up into small farms, and the parceling of others is seriously contemplated by the owners.

Mountain lands and chaparral lands in the foothills that have been considered worthless are now becoming valuable by reason of the im-



petus given the wine and fruit growing interests. As compared with France, fully as much, if not more, of the lands in California are adapted to grape culture, while the production per acre is about double. The ravages of the phylloxera and unfavorable climatic conditions in France decreasing her wine product, are causing an increased demand for California wines. Nearly 1,000,000 vines were planted in Napa County this year, and over 10,000,000 vines were planted in the State between January and April of this year. The product for 1880 is estimated at 12,000,000 gallons. A large increase in area of the raisin grape culture has been made in Sacramento and San Joaquin Valleys.

The surveyor general recommends that the work of establishing mineral monuments should be done by deputy surveyors under special instructions from his office, and the expenses attending the same be paid by the United States. A species of blackmailing, under the provisions of section 7 of the mining act of March 10, 1872, and Regulation 49 of Mining Laws and Regulations, relative to the survey of adverse claims, is detailed at length; and the surveyor general's circular of January 6, 1880, regulating said surveys, is given, together with form of application required from adverse claimants, the same to be accompanied by a certificate from the surveyor general.

The surveyor general recommends that section 2320 of the Revised Statutes of the United States be amended so as to read as follows :

The end lines of each claim shall be parallel to each other, unless where the line of an Indian reservation or tracts of land heretofore surveyed or patented, or the course of navigable rivers, may render this impracticable; and in that case this rule may be departed from no further than such particular circumstances may require.

Regarding the work performed under the appropriation of \$9,000 for "transcribing, copying, and indexing original Spanish archives," the surveyor general says :

The importance of the work cannot be overestimated, as the title to some of the most valuable lands in the State rests upon these old Spanish grants and records. Claims against the United States, based upon these records, are continually being asserted, and bills for reopening the cases are kept before Congress, rendering the perpetuating evidence of the records of vital importance. As patent only relinquishes the title of the United States, the papers are of the utmost value to claimants.

*Colorado.*—Under the assignments of appropriation, regular and additional, of \$42,000, made to this district for the fiscal year ending June 30, 1880, ten contracts for surveys were awarded, amounting to \$48,378.99, exceeding the appropriation by \$6,378.99, as will more fully appear in Statement A of report in full.

The amount of special deposits made during the year was \$90,418.79, of which \$86,073.79 were on account of field work and \$4,345 for office work. Amount expended, \$30,706.22; estimated cost of surveys not completed, \$55,367.57.

Eight hundred and sixty-three mineral surveys were made during the year, against 254 the previous year—an increase of over 338 per cent., while the office expenses increased only 100 per cent. A balance of \$15,964.53 of deposits for office work remains on hand, to cover surveys not yet returned.

The balance from last fiscal year of special deposits, to the credit of salaries of the surveyor general and his clerks, was \$5,549.07; regular appropriation, \$6,000; amount special deposits on account of mineral surveys, \$26,660; same, account of land surveys, \$4,345, making a total of \$42,554.07, of which \$26,589.54 were expended, leaving a balance of \$15,964.53, as stated in preceding paragraph.

While the appropriation for incidental expenses for the year was only \$1,500, the actual expenses amounted to \$3,825.76, which deficit was



made up from special deposits. For several years the appropriation for incidentals has been \$1,500, without regard to the amount of work performed and consequent necessity of expense.

The surveyor general calls especial attention to his estimates for surveys for the fiscal year ending June 30, 1882. These estimates will be required, especially as the Ute Indian Reservation will without doubt have been abandoned under the late treaty, and thousands of miners and farmers will flock to those lands. Their standard and exterior lines should at least be surveyed, so that settlers may have the lands subdivided under the special deposit system, if not from regular apportionment.

The total area of lands surveyed during the year is stated as 2,568,310.96 acres, embraced in 116 townships.

The surveyor general's estimates for the fiscal year ending June 30, 1882, are as follows: For the salaries of the surveyor-general and his clerks, \$10,800; incidental expenses, \$3,000; surveys of 400 miles of standard, 3,000 miles of exterior, and 3,000 miles of section lines, \$74,000.

The State, during the year, has been unusually prosperous in all branches of its business. A large number of new mines have been discovered, which have produced largely of the precious metals.

The opening of new mining camps has induced railroads to extend their lines thither. The South Park Railroad is extending its line to Breckinridge; the Denver and Rio Grande Railroad has laid 214 miles of track on its several extensions, graded 120 miles on the San Juan extension, and is extending its lines from Leadville to Kokomo, and over Tennessee Pass to Eagle River. This company is now operating over 500 miles of railroad in the State.

Agricultural and stock interests have kept pace with mining. Every county in the State has increased in population, and in several the increase amounts to 500 per cent.

The surveyor general calls attention to the extra amount of work and responsibility devolving upon surveyors general of mining States and Territories over those of the agricultural States and Territories. While the salaries are the same, with a single exception, the work in some cases is ten times greater. In Colorado the examination of over 800 mineral surveys, with the necessary work attaching thereto, requires much labor and responsibility not assumed by officers of the agricultural class. He suggests that he be allowed a fee of \$5 for "the certificate of the surveyor general as to improvements," in each mining case.

*Dakota.*—Assignments of appropriation, amounting to \$46,000 (original, \$40,00; additional, \$6,000), were made to this district for surveys during the fiscal year ending June 30, 1880. Ten contracts were made and \$40,572.41 expended, leaving an unexpended balance of \$5,427.59 to the credit of unfinished contracts.

Area surveyed during the year, 2,395,693.13 acres, embraced in 55 townships; area of 961 townships previously surveyed and reported, 19,780,876.20 acres; total area, exclusive of Indian and military reservations, town sites, and mining claims, surveyed to date, 22,176,569.33 acres.

Two hundred and twenty-two miles of base and standard lines, 1,367 miles of township lines, and 6,317 miles of section and meander lines were run during the year. Total cost of same, \$50,631.22.

The amount of special deposits for the survey of public lands and office work, made during the year, was \$3,380, of which \$3,130 were on account of field work and \$250 office work. Amount expended, \$3,105.35.



Amount of special deposits in connection with the survey of mining claims, made during the year ending June 30, 1880, \$2,340; balance on hand July 1, 1879, \$732; total, \$3,072, of which \$1,972.96 were expended during the fiscal year ending June 30, 1880.

Sixty-six lode and 11 placer claims were surveyed during the year.

The appropriation of \$6,500 for the salaries of the surveyor general and his clerks was all expended, except 51 cents. The appropriation of \$1,500 for rent, stationery, messenger, and incidental expenses was all expended.

The surveyor general's estimates for the surveying service for the fiscal year ending June 30, 1882, are as follows: survey of standard lines, \$7,968; township lines, \$20,000; subdivision lines, \$120,000; total, \$147,968. For the salaries of the surveyor general and his clerical force, \$12,000; rent and incidental expenses, \$2,700.

The surveyor general deems the estimates for the surveying service to be just and reasonable, considering the necessities of the service. His reasons therefor were given in former reports, and as they are as potent now as then, need not be repeated.

The Territory is steadily and rapidly growing, and farmers are prospering. Three railroads are built many miles in *advance* of the public surveys, and everything moves to the *front* except the surveyor—a matter over which the people of the Territory have no control.

*Florida.*—No public lands have been surveyed in this district during the past year. The low rate fixed by the last Congress and the distance of the surveyable land from the base of supplies rendered it difficult to make contracts with competent and experienced surveyors.

The office has been employed on the arrears of work and in arranging with order and system the large accumulation of public papers.

Contracts for the survey of lands in South Florida were transmitted to the General Land Office, but they were disallowed by reason of the lateness of the season and the character of the soil covered by late surveys in that section. The surveyor general is now advised that the section covered by said contracts embraces a large body of fine rich hammock.

All lands fit for agriculture should be immediately surveyed and the office discontinued. Should the surveys yet to be made develop other lands which ought to be surveyed, a supplemental estimate will be submitted.

The survey of no part of the State may be considered as in advance of settlement, nor that the lands therein will not soon be taken up by the tide of immigration now flowing into the State.

The increase of the orange and lemon culture is noted, as well as the increasing production of and trade in tropical and other fruits and vegetables.

Forty-five plats were furnished during the year, of which number 5 were transmitted to the General Land Office and 40 to the district land office. Sixty descriptive lists were also sent to the latter.

The appropriation of \$3,800 for the salaries of the surveyor general and his clerks was all expended. Of the appropriation of \$1,000 for rent and other incidental expenses, \$828.90 were paid out.

Estimates for the surveying service during the fiscal year ending June 30, 1882, are as follows: Salaries of the surveyor general and his clerks, \$5,000; contingent expenses, \$1,000.

*Idaho.*—The amount of appropriation assigned for public surveys in Idaho, during the fiscal year ending June 30, 1880, was \$13,000. Four contracts were made, payable out of the assignment, and the amount of



work paid for was \$6,415.78, leaving a balance unexpended, but covered by contracts, of \$6,584.22.

The salaries paid the surveyor general and his clerks amounted to \$4,965.52, which were paid out of the regular appropriation of \$5,000, leaving a balance of \$30.48 reverting to the Treasury.

Of the appropriation of \$1,500 for incidental expenses, all was expended except twelve cents.

Total area surveyed since last report, 551,313.32 acres, embraced in 38 townships; which, added to 6,404,410.16 acres of public lands and 464,907.28 acres of Indian reservations, previously surveyed, makes the total area surveyed, 7,420,630.76 acres.

One hundred and thirty-four descriptive plats and 38 descriptive lists were prepared, of which 86 plats and all the descriptive lists were transmitted to the General Land Office and district land offices.

Amount deposited with United States assistant treasurers for office work on mineral claims during the fiscal year, \$726. Number of mineral claims surveyed and platted, 9; amount deposited therefor, \$261, of which \$255.48 were expended.

The surveyor general's estimates for the fiscal year ending June 30, 1882, are as follows: For office expenses, including the salaries of surveyor general and clerks, rent, messenger, fuel, stationery, &c., \$9,000; for the survey of 200 miles of standard lines and 2,760 miles of exterior and subdivision lines, \$26,240; making a total of \$35,240. The surveys for the past year were made to meet the wants of settlers, so far as could be done with amount of appropriation assigned. Rich argentiferous lodes have been discovered along the headwaters of Wood River. A wagon road has been constructed into Yankee Forks district, and extensive mills are being erected therefor the reduction of ores. The Utah and Northern Railroad has been completed through the eastern part of the Territory. Stock raising and agriculture are yearly increasing in importance, and immigration is steadily flowing into the Territory.

*Louisiana.*—The surveyor general reports that under the assignment of appropriation of \$15,000 for the fiscal year ending June 30, 1875, five contracts for surveys were made, on which \$10,387.79 were expended. Under the assignment of \$15,000 for the year ending June 30, 1876, the full amount was expended under seven contracts. For the year ending June 30, 1879, \$17,500 were apportioned, of which \$15,628.22 were paid out under two contracts, \$1,871.78 not reported for payment at closing of report, and \$1,500 retained to meet unforeseen excess of contracts. Of the apportionment of \$14,000 for the fiscal year ending June 30, 1880, \$13,840 were expended under seven contracts.

The surveyor general's estimates for the surveying service for the fiscal year ending June 30, 1882, are as follows: For completing the resurveys in the southwestern district, \$12,800; resurveys in the southwestern district, on Mississippi River, and for location of private land claims on same, \$7,850; original surveys in the southwestern district, \$31,200; to finish contract for original surveys contracted for in 1875, \$1,800; original survey of islands, part of Sabine River, to locate private land claims and finish contract of July 26, 1875, \$6,000; survey of lands in Houmas grant, \$15,000; resurvey and relocation of donation claims in the Greensburg district, \$6,000; extension of section lines and meander of Pearl River in Greensburg district, \$2,400; making a total for surveys of \$83,050. For salary of the surveyor general, \$2,000; clerical force, \$4,800; additional clerks for arrears of office work, \$10,000; contingent expenses, \$2,000.

The field work has been very limited, owing to the small allotment of



appropriation. Four contracts were confined to resurveys of pine timber belt in the southwestern district. A part of the Houmas grant has been subdivided into sections, and in due time the lands may be put on the market. The insufficiency of the present allotment and the necessity of increased appropriations for future surveys of the Houmas grant are urged.

Sixteen townships of the timber belt in the Calcasieu region remain to be surveyed under the policy heretofore pursued.

Nothing has been done on the unsurveyed belt along the coast of the Gulf of Mexico extending from the Sabine River eastward to Vermillion Bay, containing 40 or 50 townships, with an estimated area of over a million of acres. Under the original surveys of 1805 to 1838 this tract of land, 100 miles in length and from 20 to 30 miles in width, was totally ignored, under the assumption that it was uninhabitable and unsurveyable. It is now known that all the margins of the lakes, streams, and bayous in that region are high, dry, and exceedingly rich land, and that much of the residue is composed of broad cheniers, or ridges, and valuable wooded slopes, which are of the richest alluvial land, and in many places sustaining large numbers of settlers. The failure of the government to extend the lines of public surveys over this tract retards emigration and the development of that part of the State. The exterior township boundaries should be extended over this region, and the apparently attractive and inhabitable portions subdivided into sections. It is estimated that to extend the township lines and traverse the Gulf coast, lakes, and principal streams would cost \$12,000. If township lines were run settlers could avail themselves of the deposit system.

An examination of surveys in the southwestern district, embracing 27 townships, proved that the work had been substantially well done.

Little or nothing has been done, during the past year, in issuing certificates of location in satisfaction of confirmed and unsatisfied land claims. Many parties owning these claims desired the surveyor general to contract with deputies for the survey of their claims; but such applications, under the laws and regulations governing the same, have not been acceded to. An estimate of this work is embraced in the table of estimates submitted by the surveyor general in his report in full.

Under the resolution of the United States Senate and the official request of the General Land Office therefor, the surveyor general's office furnished a compilation of the report and tabular statement showing all the unconfirmed but located land claims in the State. It is earnestly hoped that Congress will relieve the people who own these lands by enacting a law incorporating the schedule and relinquishing all right of the United States to such lands whose owners under the local laws would own them.

But little has been done toward bringing up arrears of office work. Notes of resurvey of 42 townships in the Greensburg district have been transcribed and forwarded to the General Land Office, leaving about 718 townships still to be transcribed in all the districts. Twenty-four patent plats have been prepared, mostly in the Greensburg district, leaving about 5,976 still to be prepared.

*Minnesota.*—Since the date of the last report, one contract not closed under the assignment for the fiscal year ending June 30, 1879, has been completed, involving an expenditure of \$3,585.09.

Under the assignment of appropriation of \$20,000 for the fiscal year ending June 30, 1880, three contracts were made, all of which are completed. Amount expended, \$17,461.11, the balance to be applied on surveys executed.



The amount of special deposits during the year was \$1,700, of which \$1,598.56 were expended.

The area surveyed during the year was 420,404.39 acres; previously surveyed, 40,053,639.83 acres, making the total area surveyed to June 30, 1880, 40,474,044.22 acres. Miles run, 2,255.

Seventy-six plats were made, of which 30 were transmitted to the General Land Office, and 16 to local land offices.

The surveyor general's estimates for the surveying service for the fiscal year ending June 30, 1882, are as follows: Survey of 125 miles of standard, 600 miles of exterior township, and 4,000 miles of subdivision lines, \$50,400; salaries of the surveyor general and his clerical force, \$10,500; pay of messenger, printing, binding, and incidentals, \$1,500.

The appropriation of \$7,000 for the salaries of the surveyor general and his clerical force was all expended except \$1. Of the appropriation of \$1,500 for incidental expenses, \$1,329.06 were expended.

The surveys made were mostly in the northern portion of the State, extending along the international boundary, from the west end of Knife Lake to Loon Lake, a distance of about 75 miles on the boundary line. Most of the townships subdivided border on and include a large number of lakes, which necessitated meandering.

The estimate for the surveying service is based on the large and increasing demands for the timber lands in the northern part of the State, and for lands lying contiguous to Rainy Lake and Rainy Lake River. Surveys should be extended over this region as early as possible, so that the country in the vicinity of Rainy Lake may be opened for settlement, and the timber lands disposed of before they are despoiled of their value by trespassers or by fire.

*Montana.*—The assignment of appropriation for the fiscal year ending June 30, 1880, was \$14,000 and the expenditures, under five contracts, were \$14,571.16, showing a deficiency of \$571.16.

Amount of special deposits for office work on mining claims, during the year, \$1,460, of which \$3,258.74 were expended.

Area surveyed in 27 townships, 347,417.98 acres, including 2,560 acres of coal and 28,832.69 acres of timber lands; also mining claims on unsurveyed lands, 939.40 acres; previously surveyed, 10,798,370.21 acres; making a total of 11,146,727.59 acres surveyed to date.

Five hundred and nine plats were made, of which number 122 were transmitted to the General Land Office, and 116 to local land offices.

The appropriations of \$5,750 for the salaries of the surveyor general and his clerks, and \$1,500 for incidental expenses, were all expended.

The amount of special deposits by individuals for the survey of public lands was \$802.76, of which amount \$712.96 were on account of field work, and \$90 on account of office work. Three contracts were made and completed, amounting to \$608.26.

The surveyor general's estimates for the surveying service for the fiscal year ending June 30, 1882, are as follows: Survey of 550 miles of standard, 1,200 miles of township, 3,000 miles of section, and 100 miles meander lines, \$32,900; survey of heavily timbered and mountainous land, \$10,000; inspecting past and locating future surveys, \$3,000; salaries of surveyor general and his clerks, \$13,200; rent, messenger, and incidentals, \$1,500; mounting and binding maps and field notes, \$1,200.

The surveys during the past year embrace 129 miles of standard, 47 miles of meridian, 578 miles of township, and 927 miles of section lines. The townships subdivided are those in the valleys of the Yellowstone and Tongue Rivers and Horse Prairie Creek; also timber lands west



of Bitter Root River. The exterior boundaries of 40 townships of coal lands, in the valley of Yellowstone River, agricultural lands in and near the Judith Basin, and mineral and timber lands in Beaver Head County, have been run; also two town sites surveyed.

The surveyor general recommends that base, standard, and meridian lines be run over military and Indian reservations, in order to secure perfect uniformity in the public surveys. Mineral timber lands should be subdivided, so that owners of mines and mill owners could purchase the same. Pastoral lands should be subdivided and sold in large bodies, care being taken to protect the rights and interests of men of small capital who wish to settle thereon.

The expense of inspecting surveys was \$1,121.61. It was found that the surveys had been well and faithfully executed, and the information and knowledge of the country gained has been of great value in determining the locus of future surveys. No expenditure in connection with the public service is of more value.

Seventy-eight surveys of mineral claims have been made and 150 orders for surveys issued. The surveyor general recommends that payment for all mineral plats, field note books, and blank mineral forms be made from special deposits and not from the regular appropriation for incidental expenses. A fee of \$5 for each mineral claim examined, whether approved or rejected, should be allowed surveyors general from the special-deposit fund. No work requires more care, and as no difference is made in the compensation of surveyors-general in mineral and non-mineral districts, the justice of the recommendation is obvious, while the fee would entail no expense to the government.

The surveyor general's estimate for field work is based on personal knowledge and observation of the needs of settlers, as well as from reports made by deputy surveyors and requests from settlers. The immigration has been very large for the past two years, is constantly increasing, and a large proportion of the immigrants settle upon the public lands.

The estimate for inspection of surveys is based upon their importance and great advantage to settlers and the government in locating future surveys.

The surveyor general calls attention to the reduction of his salary after three years of faithful service as such officer, and additional labor as a clerk with the view of expediting the public business, and presumes the reduction was "a reward of merit."

The appropriation for clerk hire is entirely inadequate. Extra work by the clerical force, after office hours and during evenings, for which they received no additional compensation, has failed to complete the work pertaining to the last year within the time, and it is now largely in arrears.

The absolute necessity is stated for the small estimate of appropriation for the preservation of the records of the office, for, if the necessary precautions are not taken, it is only a question of time when the early records will become totally defaced.

The decrease in the yield of placer mines has been more than compensated in the product of gold lodes. The increase in the product of silver lodes is estimated at one-half million of dollars.

The Utah Northern Railroad is now within the southern boundary of the Territory, and the Northern Pacific Railroad has passed the eastern boundary, and is being pushed rapidly forward.

*Nebraska and Iowa.*—The contracts not closed at the date of the last report, under the assignments for the appropriations of fiscal years



ending June 30, 1878 and 1879, have all been completed, leaving an unexpended balance of \$3,482.03. Under the assignments of \$25,000 for the fiscal year ending June 30, 1880, six contracts were made, of which four are completed. Amount expended, \$18,013.77; unexpended balance of 1879, \$468.26; same of 1880, \$10,000; estimated cost of contracts not closed, \$10,000.

The area surveyed during the year was 868,994.41 acres, embraced in 38 townships. Transcripts and diagrams of 2,898 miles of exterior and subdivision lines have been made and transmitted to the General Land Office. Descriptive lists and plats of 38 townships were forwarded to local land offices.

The appropriation of \$5,000 for the salaries of the surveyor general and his clerks was all expended save \$155. An unexpended balance of \$9,799.35 of special deposits made by the Burlington and Missouri River Railroad Company remains on hand. The appropriation of \$1,500 for rent, messenger, and incidentals was expended.

The surveyor general's estimates for the fiscal year ending June 30, 1882, are as follows: Survey of 120 townships, between the fifth guide meridian and the west boundary of the State, and the fifth standard parallel and the north boundary, 7,200 miles, \$50,400; salaries of the surveyor general and his clerks, \$8,300; rent, messenger, and incidentals, \$3,000.

The proposed surveys embrace lands well adapted to grazing and agricultural purposes, a large portion of which are now being used for the former purpose. An increase of immigration over that of former years is claimed.

The sale of lands by the Burlington and Missouri River and the Central Pacific Railroad Companies at low rates and on easy terms adds materially to the rapid settlement and improvement of the State.

The population of Nebraska has increased from 246,200 in 1875 to 452,542 in 1880. Material growth and prosperity has kept pace with population. Area of improved lands in private hands, 3,498,906 acres; unimproved, 9,768,375 acres.

The surveyor general renews his recommendation of last year, that a sufficient appropriation be made to complete the public surveys in Nebraska, so that the records may be turned over to the State and the expense of maintaining the office be avoided.

*Nevada.*—For the year ending June 30, 1880, there were appropriated \$5,500 for the salaries of the surveyor general and clerical force, of which \$5,097.48 were expended, leaving an unexpended balance of \$402.52.

The amount deposited by individuals for the survey of agricultural and mining claims, and by the Central Pacific Railroad Company, for office work, was \$3,575, of which \$3,093.17 were expended, leaving a balance unexpended of \$481.83. The amount appropriated, \$1,500, for rent of office, fuel, books, stationery, and pay of messenger was all expended.

Of the assignment of appropriation for the year ending June 30, 1878, there remained on hand July 1, 1879, a balance of \$1,647.07, covered by contracts, which was all expended except a balance of \$38.72. Of the assignment for the year ending June 30, 1880, \$10,000, there were expended \$9,986.95, leaving a balance of \$13.05.

The balance of special deposits to the credit of the Central Pacific Railroad Company July 1, 1879, was 11,425.07, of which \$11,386.30 were expended during the fiscal year, leaving \$38.77 to credit.

The amount of special deposits by individuals for surveys during the year was \$260.



Six contracts for surveys were made during the year, amounting to \$20,260, including \$10,000 on account of Central Pacific Railroad Company deposits and \$260 individual deposit, all of which are closed.

The total area surveyed during the year was 929,486.28 acres, embraced in 61 townships.

Ninety-seven mining claims, embracing 974.46 acres, were surveyed. Amount of special deposits for mineral claims, \$2,910.

Six hundred and fifty-five plats were prepared during the year.

The surveyor general's estimates for the fiscal year ending June 30, 1882, are as follows: For surveys, embracing 150 miles of standard and meridian, 1,000 miles of township, and 3,000 miles of subdivision lines, \$26,500. For salaries of surveyor general and clerical force, \$8,000. For incidental expenses, \$2,580.

Surveys have been confined to agricultural and grazing lands, principally within the limits of the Central Pacific Railroad grant.

The surveyor general refers to the completion, for a distance of 96 miles, of the Nevada Central Narrow Gauge Railroad; also, the construction of the Carson and Colorado Narrow Gauge Railroad, and the survey of the Nevada and Oregon Narrow Gauge Railroad.

The mining interest has been developed, and new discoveries are being made on Ruby Hill, in Eureka district, which bids fair to become as famous as Comstock.

Columbus district, in Esmeralda County, has again become famous, and many idle mines reopened. A new town—Candelaria—has sprung up, with daily increasing population.

Notwithstanding the depression in monetary affairs, agricultural interests and prospects are very bright. In the western portion of the State new irrigating canals have been constructed.

*New Mexico.*—Under the assignment of appropriation of \$10,000 for public surveys during the fiscal year ending June 30, 1880, one contract was made, the returns of which have been received, but not platted, nor could the cost of the same be ascertained at the date of report.

Under the appropriation of \$10,000 for the survey of private land claims, 16 claims were surveyed under four contracts, on which \$5,988.13 has been expended. Area returned, 661,274 acres; miles run, 369. Of the amount of appropriation, \$850, set aside for office work, \$848.85 were expended.

Amount deposited by individuals for the survey of public lands, \$54,592.01, of which amount \$49,947.01 were on account of field work and \$4,645 on account of office work. Amount expended under and covered by six contracts, \$49,840.41 for field work, and \$4,638.12 for office work. Amount deposited for office work on the survey of 14 mineral and mill site claims, \$460, of which amount \$447.49 was expended.

Area surveyed in 57 townships during the year, 1,301,364.65 acres. Total area surveyed to June 30, 1880, 9,539,160.80 acres, exclusive of 1,068,050.14 acres grants, and 13,960,000 acres Indian reservations. Miles of standard, meridian, exterior township, and subdivision lines run, 4,891; 47 plats were transmitted to the General Land Office; 23 copies of declaratory statements under the desert land act were filed during the year.

Of the appropriation of \$8,500 for the salaries of the surveyor general and his clerks, \$8,498.12 were expended. The appropriation of \$1,500 for incidental expenses was increased by \$240 received for subrent of office, making a total of \$1,740, of which amount \$1,739.94 were expended.

The surveyor general's estimates for the surveying service during the



fiscal year ending June 30, 1882, are as follows: Salaries of the surveyor general and his clerks, \$15,500; survey of base, meridian, and standard lines, \$100,000; survey of confirmed and non-confirmed private land claims, \$8,500; resurvey of part of east boundary of New Mexico, \$1,725; contingent expenses, for fire-proof safe, \$2,500, and for stationery, pay of messenger, and incidentals, \$2,000; amounts due deputy surveyors under former contracts, \$700.41; reimbursement of sundry deputy surveyors for draughting and copying, \$1,500; pay of messenger from April to June, 1878, \$61.97.

Exhibit M, attached to report, is a list of private land claims against the public domain in New Mexico, on file in the surveyor general's office June 30, 1880.

The public surveys during the past year were confined to lands embraced in the Congressional classification. The inadequacy of the appropriations has rendered it impossible to extend the lines of the public surveys to meet the demands of settlers, who have consequently been compelled to avail themselves of the deposit system at a considerable sacrifice.

In order to secure greater accuracy and thorough topography of the public surveys, the surveyor general suggests that one or more topographers be furnished by the director of geological surveys to accompany deputy surveyors to the field. This joint action would render examinations of surveys unnecessary.

Wooden posts should not be used to mark the corners of a township, or on a standard line; larger sized stones with greater depth in the ground, or, if practicable, iron posts are recommended.

An increased appropriation for incidental expenses is absolutely necessary. The advent of the Atchison, Topeka and Santa Fé Railroad has advanced rents 100 per cent., which will affect the rental of office building, as the lease expires next spring. Cases for the custody of official papers and a fire-proof safe for the valuable archives of the office are indispensable. As there is no place to keep these books under lock and key, one valuable record book of Spanish and Mexican grants is already missing, and the surveyor general thinks it is a matter of congratulation that all have not been stolen.

The pasture lands of New Mexico should be graduated in price and sold in tracts large enough to accommodate stock raisers—the price to be from 25 cents to \$1.25 per acre, according to quantity of water and accessibility thereto.

Two private land claims have been filed during the year, and testimony and final action taken in five cases. The land grant question is becoming more serious as time elapses, and the surveyor general renews his recommendations of last year that Congress fix a limitation on the time for filing and prosecuting private land claims, and that they should be debarred thereafter. Some other safer and speedier method of adjudicating claims than at present exists is demanded in justice to the government and claimants.

Rich gold mines have been discovered during the year in localities heretofore unknown as mineral sections, and a new impetus has been given the industry. More new and valuable discoveries of mineral have been made during the past year in the Territory than in the twenty years preceding.

As the northwest portion of the Mescalero Apache Indian Reservation is known to be rich in mineral, and as it is of no practical use to the Indians, the surveyor general suggests that it would be advisable to restore to market townships 9 to 13, inclusive, south, range 11 east, and township



9 and 10 south, range 12 east, and, if necessary, add to the reservation an equivalent of land on the south. This reservation should be abolished and the Indians sent to the Indian Territory.

Several military reservations that have been abandoned for years should be vacated and the lands restored to settlement. The reservations in township 18 north, range 20 east, and at Fort Butler, have never been used, and Forts Thorn and McRae, on the Rio Grande, have not been used for years.

The completion of the New Mexico and Southern Pacific Railroad to Santa Fé south 170 miles, and to Fort Craig; the construction of the Atlantic and Pacific Railroad westward from Albuquerque on the Rio Grande, and the completion of the grading of the Denver and Rio Grande Railroad, whose track has been laid to within 45 miles of Santa Fé, have infused new life into all departments of trade, and the business outlook is flattering.

*Oregon.*—The surveyor general reports that the contracts not closed at date of his last annual report have all been closed.

The number of contracts let under the apportionment of \$20,000 for surveys in Oregon during the year ending June 30, 1880, was ten, of which all have been completed except two. The number of miles surveyed under these contracts was 1,776, at a cost of \$17,866.

Twenty-two contracts were let for surveys, payable from special deposits, at an estimated cost of \$72,083.

The amount deposited for field work under these contracts was \$71,953, of which \$12,719.33 have been paid to deputies for work returned.

The sum of \$4,090 was deposited for office work on surveys of public lands under special deposits. Of this sum there have been paid out \$1,865. Returns have been made to the surveyor general under thirteen contracts payable from special deposits. The number of miles run was 1,510, at a cost of \$12,719.33. Six mineral claims were surveyed and \$150 were deposited for office work thereon. Twenty-four mineral plats were made in the office of the surveyor general and six transcripts of field notes of mining claims; also three hundred and forty-four township plats and exterior diagrams of public surveys. The area surveyed during the year, including that surveyed and not heretofore reported, under contracts not closed at date of last annual report, 1,468,160.22 acres.

The appropriation for salaries of surveyor general and clerks in his office was \$7,000, all of which was expended except \$103. Of \$1,500 appropriated for contingent expenses, \$1,109.06 were expended, leaving \$390.94 unexpended.

The estimates for the year ending June 30, 1882, are as follows: For surveys, \$57,240; for surveyor general's salary, \$2,500; for clerk hire, \$4,500, and for incidentals, \$1,500.

The surveyor general calls attention to the difficulties in the way of ascertaining, under present instructions from the General Land Office, what lands are swampy and inure to the State under the swamp grant.

*Utah.*—Under the assignment of appropriation of \$12,000 for the fiscal year ending June 30, 1880, the surveyor general made three contracts for surveys. Expenditure under one contract, \$8,184.72; others not closed.

The amount of special deposits by individuals for the survey of public lands during the year was \$2,087.34, of which \$1,812.34 were on account of field work and \$275 of office work. During the year \$3,926.23 were expended for the survey of agricultural and mineral lands.

Number of acres of public lands surveyed during the fiscal year,



423,344.87; previously surveyed, 8,594,952.34; making a total of 9,018,297.21.

Forty-eight plats and 81 transcripts of field notes were transmitted to the General Land Office; to district land offices, 30 plats and 60 descriptive notes. Number of maps of mineral claims, 947; transcripts of field notes of same, 238.

The appropriations of \$5,750 for the salaries of the surveyor general and his clerical force and of \$1,500 for contingent expenses were fully expended.

The amount deposited for office work and stationery on mineral and agricultural surveys was \$8,257, which, with the balance from last year of \$1,401.72, made a total of \$9,658.72; amount expended, \$5,705.40.

The area of lands disposed of at the Salt Lake City land office during the year was 127,853.71 acres.

The surveyor-general's estimates for the fiscal year ending June 30, 1882, are as follows: For surveys, \$15,000; connecting mineral monuments, \$3,000; salaries of surveyor-general and his clerks, \$7,250; rent, messenger, and incidentals, \$2,500.

The lands surveyed embrace a portion lying east of the Uintah Indian Reservation, containing many inhabitants and two towns. Standard and guide meridians were run in the southwestern part of the Territory in the vicinity of Sevier Lake. There are many settlers along the third standard near the Nevada line. Surveys under special deposits were in the country known as the late San Pete Indian Reservation; also lands covered by the late Corn Creek Indian Reservation.

There is great complaint in certain localities about the destruction of the corners of public surveys established at an early day. The surveyor general thinks the Mormons disregarded and plowed up such corners and had their lands surveyed into 5 and 10 acre lots, and, according to church teachings, adhered to the corners of lots instead of the public surveys. It is recommended that where corners are destroyed throughout a whole township the same should be resurveyed when required.

While stone corners have been used in this district, the substitution of iron corners is considered advisable. Average cost of iron monuments, six cents per pound in Salt Lake City; transportation from three to six cents per pound, according to locality, the latter in the eastern part of the Territory.

Two hundred and thirty-eight mineral surveys were returned during the year, being an increase of 117 over previous year. Investments of capital in this interest, during the past year, amounted to between ten and twelve millions of dollars; estimated products, \$5,500,000. The unusual severity and length of the winter was unfavorable to mining operations, especially to production of ore and smelting.

During November and December, 1879, mineral surveys were numerous in the West Mountain district, owing to gold discoveries in the so-called "gold belt," which gave rise to many conflicts. Owing to connections of these surveys with different mineral monuments, it was found impossible to construct a connected map of this district, or show the conflicts. Some of the mineral monuments were, however, connected by triangulation, and the loci of the several surveys fixed. Almost every mineral survey made since the triangulation survey has been connected with the triangulation points, they being nearer and more convenient than original mineral monuments. Further connections of monuments by triangulation, on claims situated on unsurveyable land in several districts, were desired, but owing to no appropriations for surveys of that class, the General Land Office declined to authorize the same. The



surveyor general estimates \$3,000 as necessary for this purpose, and solicits an appropriation therefor. Examinations show the necessity of connecting the several mineral monuments, and of establishing additional and more convenient permanent points of connection.

The surveyor general calls attention to the reduction of his salary from \$3,000 to \$2,500 per annum, while the duties and responsibilities of the office are steadily increasing, especially in mining districts. He recommends that he be allowed ten per cent. of all deposits made for mineral surveys, until the sum of \$500 is reached.

The extension of the Utah Southern Railroad to Frisco; the organization of a company to build a railroad from Salt Lake City to Coalville via Park City; the building, by the Union Pacific Railroad of a branch line from Echo City to Park City; the construction, by the Pleasant Valley Railroad Company, of a narrow-gauge road from Provo City to the company's coal mines; and the construction of a narrow-gauge road from Salt Creek, in Juab County, to Wales, in San Pete County, are detailed in the report. These roads will open up vast coal fields, from which coke, now imported in vast quantities from the East and England by smelters, may be manufactured.

The annual map forwarded contains the projection of all the lines of public surveys to date, with new lines of projected and constructed railroads, and the three new counties along the eastern boundary, created by the last Territorial legislature.

Details of the population of Utah by counties, and a list of cities and towns, with population and number of acres entered as town sites, are given.

*Washington.*—At the date of the last annual report there were 8 contracts for surveys not closed, which are now reported. Amounts expended on the same, \$7,250.70 from the regular appropriation and \$4,595.18 from timber appropriation. Number of acres surveyed, 465,357.85; miles run, 1,533; plats made, 74.

Under the assignment of appropriation of \$18,000 for the fiscal year ending June 30, 1880, six surveying contracts were made, on which \$16,031.58 were paid, and the balance of \$1,968.42 is applicable on unfinished contracts. Number of acres surveyed, 753,852.42; miles run, 2,367; plats made, 52.

The amount of special deposits during the year was \$894, of which \$759 were for field work, and \$135 for office work.

The regular appropriation of \$1,500, with the deficiency appropriation of \$300, was all expended, as was also the appropriation of \$6,500 for the salaries of the surveyor general and his clerks.

Estimates for the fiscal year ending June 30, 1882, are as follows: For the survey of 92 miles of standard, 1,014 miles of township, and 5,920 miles of section lines, \$87,752; salaries of the surveyor general and his clerks, \$10,600; rent, messenger, and incidental expenses, \$2,000.

The annual map forwarded shows the progress of surveys to date and the changes in the several county boundary lines.

The surveys for the past year have been extended only over the settled portions, and those adjacent thereto, of the Territory. Under the limited apportionment it was impossible to meet all the demands for surveys, and increased applications are accumulating monthly.

With the view of encouraging special deposits for subdivisional surveys, and acquiring a correct knowledge of the country, the surveyor general will use the assignment for the current fiscal year for the extension of township exteriors and standard lines.



The re-establishment of all imperfect section corners, as required by late official instructions, will insure better field work in the future.

The population of the Territory, by the recent census, is 74,753—an increase of 300 per cent since 1870. The greater portion of this increase has been since 1877. The increase of wealth is nearly coincident with the growth of population, and improvements of every character appear in all sections. The climatic and agricultural characteristics of Washington Territory are becoming known, and, consequently, thousands of immigrants are now selecting homes for themselves and friends who will follow.

A section of the Northern Pacific Railroad, from Ainsworth at the junction of Snake River with Columbia River, northeast to Spokane Falls, 130 miles, has nearly all been graded, and track laid for 30 miles. A large engineering force is engaged in the different passes of the Cascade Mountains, for the purpose of connecting their present work with the waters of Puget Sound.

The Oregon Railway and Navigation Company's road down the Columbia River from Wallula to Celilo, 110 miles, will soon be completed. Its extension northeasterly through Eastern Washington will secure to that portion of the Territory three lines to market, namely, the Northern Pacific Railroad across the Cascade Mountains, the Oregon Railway Company's road down the Columbia River, and the river itself.

*Wyoming.*—The surveyor general, under date of August 23, reports that the eighth and ninth guide meridians west have been extended for distances of 18 and 48 miles, respectively.

The third and seventh standard parallels north have been surveyed westward 24 and 48 miles, respectively; and the eighth standard parallel north has been surveyed to the eastern boundary of the Territory, a distance of 76 miles.

The exterior boundaries of 72 townships, embraced within the stated standard lines, have been surveyed and established. Number of townships subdivided during the fiscal year, 13, embracing an area of 280,877.14 acres; which, added to 8,844,984.27 acres, 422 townships, previously surveyed, makes the total area surveyed to June 3, 1880, 9,125,861.41 acres, embraced in 435 townships.

The eastern and larger portion of these surveys embrace valuable agricultural and pastoral lands in the valleys of the North Platte River and its tributaries, and of Niobrara and Rawhide Creeks. Gold has been discovered and mining claims located in some of the subdivided townships. The western surveys contain timber, agricultural, and grazing lands, upon which settlements have already been made.

The surveyor general's estimates for public surveys during the fiscal year ending June 30, 1882, propose the subdivision of such townships in the valleys of the North Platte River and its tributaries, between Forts Laramie and Fetterman, as embrace settlements and good agricultural and grass lands easily irrigated; also for the survey of standard, exterior, and subdivision lines in the valleys of the Cheyenne, Powder, North Platte, and Bear Rivers, where are settlements, timber and mineral lands.

Contracts for surveys, amounting to \$12,000, unfinished at date of last report, have been completed, on which \$11,905 were paid out, leaving a balance of \$95 reverting to the Treasury.

Of the three contracts made in 1879, one has been completed and two have been granted extensions of time, owing to the hostile Indians, mountainous region of country, and lateness of season preventing completion of work.



Under the apportionment of \$12,000, under act of March 3, 1879, there have been expended \$11,174.37, which leaves a balance of only \$825.63 for the completion of two contracts. This balance is inadequate, owing to excess of mountainous and heavily timbered lands, and must be supplied as per official instructions of April 15, 1879.

The appropriation of \$6,250 for the salaries of the surveyor general and his clerks, and also the appropriation of \$1,500 for rent, fuel, stationery, messenger, &c., were all expended. An unexpended balance of special deposits for office work, \$388.90, remains on hand.

The surveyor general's estimates for the fiscal year ending June 30, 1882, are as follows: For the survey of 300 miles standard, 1,000 miles township, and 6,000 miles subdivision lines, \$46,000; for salaries of surveyor general and his clerks, \$10,500; for rent, fuel, stationery, messenger, and incidental expenses, \$2,000.

*Comparative progress.*—A statement showing the comparative progress of the public surveys during the period of five years last passed, with the disposal of public lands, the cost of surveys in the field, including salaries to surveyors general, compensation to their clerks and draftsmen, and incidental expenses of their offices, as also the number of surveying and land districts during the same period, is herewith submitted, viz:

Fiscal year ending June 30—	Surveying districts.	Land districts.	Cost of surveys.	Number of acres—	
				Surveyed.	Disposed of.
1876 .....	17	97	\$1, 296, 321 94	20, 271, 506	6, 524, 326 26
1877 .....	17	99	550, 054 03	10, 847, 082	4, 849, 767 70
1878 .....	16	98	523, 786 76	8, 041, 012	8, 686, 178 88
1879 .....	16	93	525, 707 00	8, 455, 781	9, 333, 383 29
1880 .....	16	95	796, 084 79	15, 699, 253	14, 792, 371 65

The increase in area of the public surveys during the year 1880 over several preceding years is largely due to the operation of the act of Congress approved March 3, 1879, amending section 2403 Revised Statutes of the United States, by providing that certificates issued for deposits by individuals for public surveys may be assigned by indorsement. The deposits by individuals for surveys during the year ending June 30, 1880, have exceeded the appropriation of \$300,000. The amount of surveying accounts adjusted and payable out of special deposits for the year is \$373,764.

#### *Survey of Calumet Lake.*

A controversy involving the question of the right of private entry of the bed of Lake Calumet was pending at the date of issue of the last annual report. The subject was briefly alluded to as follows:

In February, 1876, applications supported by affidavits were made to the then Commissioner of this office for a survey of the bed of Calumet Lake, in township 37 north, range 14 east, near the eastern line of Cook County Illinois.

The affidavits related to the character of said lake and its bed, embodying the following allegations: That a great portion of the area shown by the public surveys as a part or parts of the lake is in a condition suitable for cultivation; that the lake is not navigable, and has no navigable connection between it and other waters, navigable or otherwise; that it is not of a fixed character, but is undergoing reduction by drainage and evaporation, and is rapidly filling up with vegetation, and is not fed by springs or other source of perennial supply; that said pond is shallow, and that its whole area can be surveyed and the corners to all the sections and quarter sections fixed and established by any competent skillful surveyor.



Upon the aforesaid showing, a survey was authorized by this office, and it was subsequently executed by Alexander Walcott, esq. The returns of the survey appeared in great measure to confirm the statements embraced in the affidavits which accompanied the applications for the survey, whereupon the latter was approved, and the usual steps were taken by this office for the disposal of the newly surveyed area as a portion of the public lands. These proceedings were opposed by parties owning lands in close proximity to the lake. Among the papers filed by the opponents were a report of a hydrographic reconnaissance of Lake Calumet, made at their instance by Capt. G. J. Lydecker, of United States Engineers, bearing date December 11, 1878, and ten affidavits of citizens dated in January, 1879, furnishing evidence in direct conflict with the statements contained in the papers submitted by the applicants. A motion was also made by the opponents to vacate the order approving the survey above mentioned. Upon consideration of this motion, action relating to disposal of the area in controversy was stayed. A cross motion by the applicants for a resurvey was entertained, and a surveyor connected with this office was appointed, with instructions to proceed and make in the presence of such of the parties as shall elect to attend thereupon, either in person or otherwise, a careful, accurate, and complete survey, report, and plat, showing the facts in relation to the matter in controversy, &c.

The results of the special examination are shown in the following report, to which is attached the order cancelling former entries :

DEPARTMENT OF THE INTERIOR,  
GENERAL LAND OFFICE,  
*Washington, D. C., August 26, 1879.*

SIR: I have the honor to report that in accordance with your order and instructions bearing dates April 10 and 25, respectively, of the current year, I proceeded to the vicinity of Lake Calumet, in township 37 north, range 14 east of the third principal meridian, in the State of Illinois, to make, as required by said instructions, "a careful, accurate, and complete hydrographical survey of said lake, with a view of ascertaining the facts as to the character of the lake, its navigability or non-navigability, its relation to Kalamie (Calumet) River and Lake Michigan, and as to the survey made by Alexander Wolcott, under instructions from this office dated December 13, 1877."

The instructions further required that 20 days' notice should be given to interested parties of the intended survey. It will be seen from accompanying papers that due notice fixing the time for the commencement of the survey (May 20, 1879) was given to the aforesaid parties, and that receipt of notice was duly acknowledged by them.

The commencement of the survey, consisting of the examination of the situation, and making suitable preparations for field work, took place at the appointed time, and actual field operations were begun on the morning of May 22.

Upon arriving at the locality, it became readily apparent that the obscure condition of the land marks of the two distinct public land surveys, made at dates ranging from twenty-nine to forty-five years ago, and that of the Indian boundary line established in the year 1816, by treaty with the Pottawattamies and other tribes, upon which the lines of the aforesaid public land surveys were closed at different dates, would render their restoration, in a manner satisfactory to the office, a work of some difficulty, involving a considerable expenditure of time.

As the relocation of the original meander lines of Lake Calumet depended upon the restoration of the lines already mentioned, no pains were spared in their verification. As the work progressed, ancient land marks were from time to time discovered and identified, thus confirming in a general way the accuracy of the work.

The field notes will show that a chain of section lines surrounding the lake on all sides, inclosing some 14 square miles, was first established, after which the aforementioned Indian boundary or treaty line, which traverses the township and the lake diagonally, lying in the latter for a distance of nearly two miles, was successfully retraced from the first to the sixth mile post.

Within the inclosing or base lines of the general resurvey broad areas of marsh land and almost impassable swamp and floating bogs border the lake on all sides, except a part of its western shore. The unusually dry weather which prevailed previous to the commencement of the resurvey favored the growth of wild rice in the swamps to heights varying from five to eight feet, effectually precluding the extension of lines over those sections by ordinary means.

As the lake, except in the depth of winter, is practically inaccessible from any direction except the west, and the free use of boats was found to be a necessity, pains were taken to organize a small party of assistants well trained in surveying operations, who were also accustomed to the management of water-craft. This assisting party consisted of three persons only, as a larger force could not in this case be economically employed. It is but just to say in this connection that, while the principal field instruments of the resurvey were used by myself, much credit is due to the as-



sistants for active and careful service, under circumstances which were at times particularly trying. On very many occasions they cheerfully remained in the field wet and hungry until approaching darkness forbade further labors for the day.

The necessary celestial observations were taken at the commencement of the resurvey to determine the present declination of the magnetic needle in the vicinity of the work. Upon an examination of the lines of the Indian boundary and the public-land surveys south of the same, it was found that they had been scientifically and carefully established.

My instructions required that "the depth of water in said lake should be ascertained at every 20 chains in such manner as to determine the character of each legal subdivision of 40 acres."

This requirement was kept in view during the extension of the subdivisional lines toward the lake, and necessary means were employed in temporarily marking the aforesaid subdivisions.

From these temporary marks rectangular intersections were determined, and the required points for soundings in the lake were thus found.

Referring at this point to my instructions requiring an examination of the survey "represented to have been made by Alex. Wolcott," I have to say that a careful scrutiny of land and water failed to reveal any marks or monuments of said survey. It is unreasonable to suppose that ordinary corner posts in the lake or the usual survey land marks on its shores would withstand the action of ice and floods during the prevalence of high winds.

The positions of all the meander posts within, or in close proximity to, the lake were carefully determined and marked by large posts firmly set. A majority of them fall within the lake, in depths of water varying from 1 to 3 feet. A considerable portion of the original meander lines lie in the lake where they cannot be retraced (except over a frozen surface) without the employment of extraordinary fixtures therefor. Other portions traverse surfaces so swampy in their character that their angles cannot be determined with even approximate accuracy, except in mid-winter, or by the aid of solid supports for field instruments. Advantage was subsequently taken of comparatively firm ground, found sometimes in the shallow water, and at others near its edges, to determine the shore line of the lake, and to run traverse lines for the establishment of the corners of the sixteenths of sections, from which the sounding-lines were extended. As might be supposed from a foregoing description of the locality, the work of retracing and determining the lines of ancient surveys in its swamps, under a summer sun, was tedious, laborious, and unhealthy—the latter fact having been fully demonstrated by all members of the party before the close of the work. In addition to this disadvantage, a very unusual quantity of time was necessarily consumed in passing from point to point.

So far as the meander lines could be retraced, they were followed, and are shown upon the map of the survey. Elsewhere they have been protracted thereon from the field-notes.

The shores of the lake as found at the then prevailing stage of water are accurately defined upon the map, an examination of which will show that at several points considerable areas of water of the lake, at its lowest stage, lie between the meander lines and the lake shores. At other points, surfaces of considerable magnitude, found to be above the low-water level of the lake, occupy a position *lakeward* from the meander lines. Except in one instance, these surfaces are of a swampy character, upon which wild rice and flags are now growing, with occasional patches of tall wild grass. During the most favorable seasons the grass could only be harvested or removed (except in winter) by means not known to ordinary agricultural operations. It is also evident that these surfaces are subject to overflow at high water.

The exception above referred to occurs on the west shore of the lake, in sections 22 and 27, extending from the Indian boundary to a point in the southeast quarter of the northeast quarter of section 27. This area, consisting of some 55 acres of good agricultural land, lies between the meander lines and the water or swampy shore of the lake. It lies from two to four feet above mean high-water, as indicated by nature's marks, and it is the only surface so situated, under cultivation or susceptible of cultivation, without embanking or filling in the same manner as streets or roads are graded or filled.

There are indications of changes in the outline of the eastern shore, but this is not surprising, as the entire surface in that vicinity bears the appearance of having been at no very distant period a mere floating bog, from which portions might easily have become detached and floated to other points under the influence of floods and strong winds.

Parties interested in the examination, having been previously notified by me, were represented in the field during the extension of the meander lines over the agricultural land described above. At that time our water gauge was established by me in section 26, and a daily record of the same was kept during the extension of the meander and shore lines and while lake soundings were in progress.



While the meander and shore lines were under survey the lake changed its level but four inches.

Lake Calumet lies lengthwise north and south. Its length is 3 miles 24 chains; width, 1 mile 43 chains; area, 2,680 acres. No portion of the aforesaid area is dry land. There is, however, a shoal situated west of the meander line of section 13, north of the Indian boundary, a part of which, being on a level with low-water, wild rice, an aquatic plant, has gained a footing, giving it the appearance of an island.

Aquatic plants, chiefly the bulrush, grow in a great part of the lake at some points where the lake at low-water is more than three feet in depth. They offer no serious hindrance to navigation, and must soon disappear when steam tugs come to be freely used.

Surrounded as it is with abundant means of transportation by rail, the lake surface is valuable as an ice field. At the point marked on the map "J. P. Smith & Co.'s ice house," some 20,000 tons of that commodity, taken from the lake, are now in store.

It will be seen by reference to the map that a means of communication between Lake Calumet and the river, marked "channel," which is commonly termed "the outlet," is shown in the southwest quarter of section 25. Currents of water flow through this channel in either direction, in obedience to the commands of lake winds and river freshets. While the soundings of the lake, which commenced July 8, were in progress, a rise of  $2\frac{1}{2}$  feet, caused by heavy rains, occurred in the river.

The effect of the rise was a strong current and a steady flow of muddy water from the river through the channel, resulting in a rise of 17 inches in Lake Calumet.

The effect of a great rise in the Little Calumet is an overflowing of its banks, bringing the lake at once to its own level; but in case of lesser freshets, the capacity of the channel is insufficient to accomplish such a result. On the occasion referred to, the water flowed into the little lake until the freshet in the river commenced to subside.

Leaving a narrow channel of about 4 feet depth of water, which navigators have marked, for the distance of about 100 feet, by painted posts, a bar surrounds the entrance to Lake Calumet from the river through the communicating channel. In times of river freshets, the muddy water flows therefrom into the lake; its current being checked at that point by still water, the sediment is deposited.

Impediments of this kind, requiring suitable remedies, are of course common to all navigable waters where sediment-carrying currents are halted.

While making the survey, I noticed the presence of one steam tug and one yacht in the lake.

It will be noticed upon the map that subdivisions, as for suburban lots, approach Lake Calumet within the area designated as swamp. There appears to be no evidence on the ground or elsewhere that these subdivisions have ever been laid out except upon paper.

While the public land surveys were in progress, a northeasterly gale passing over Lake Michigan occurred, and continued for a few hours. The pressure from this cause upon the waters of the great lake at its southwest shore was sufficient to overcome the current of the Little Calumet, and its waters were backed, a portion of them flowing through the channel, causing a rise of about one foot in Lake Calumet.

After the necessary preparations therefor were completed, the soundings of Lake Calumet were commenced, continuing without interruption, except that caused by high winds, for a period of five working days. As before intimated, the required points for soundings were carefully determined by intersections of right lines, made conspicuous by flag posts placed on the shores and in the lake. These lines ran parallel with the lines of the public surveys, and marked the corners of each forty acres of the same, at which points three or more soundings were taken. These measurements were repeated, not only to prevent erroneous rod-readings but to eliminate errors that might arise from the agitated condition of the waters, which are seldom entirely tranquil. The record shows the mean of all the readings. In this work, a light graduated rod was used. It was loaded at the bottom, and provided with a heavy iron plate of three inches diameter to prevent its sinking below the water where muddy bottom was found.

The bottom of the lake seems to be generally a firm clay, in some places overlaid with muddy sediment, and at others with gravel and small stones, with occasional boulders.

The soundings, in connection with the record of the water gauge, furnished the means of ascertaining the depth of water at any point in the lake at any given date during the progress of the work. Careful examination of nature's water marks on shores, the use of a leveling instrument, and reliable testimony agreed in fixing the difference between extreme low water and the level at which high water at certain seasons remains for a considerable length of time at 2.2 feet. From the data thus obtained the mean depths of water, as shown upon the map, were determined independently of any theories based upon the habits of Lake Michigan or of the river.

The measured depths of water at 75 points range from 1.5 to 5.3 feet, the mean



depths at those extreme points being 1.66 and 6.30 feet respectively. As might be supposed, a few of the shallow soundings fell at or near the rim of the lake basin. The body of the lake, as will be seen, shows a nearly uniform mean depth, which may be set down at  $5\frac{1}{2}$  feet. It is proper to add that water of greater depth was found in the body of the lake, but not at what would constitute legal corners of the public surveys.

In the northwest quarter of section 18, township 37, range 15, a dock channel has been excavated to the level of the river bottom for commercial purposes. Arrangements are being made for the extension of this channel west to Lake Calumet. Upon the completion of this work the little lake will respond more quickly to the changes which are continually occurring in Lake Michigan and the Little Calumet River. The result of this will be an increased average depth of water in the little lake.

Calumet Harbor, shown upon the map referred to, is a harbor of refuge, with a depth of 12 to 16 feet of water, upon which considerable expenditures have been made by the United States Government. Around and near to this harbor, South Chicago and other suburban villages have grown up. The trains of a large number of railroad companies enter Chicago by six lines, which pass on either side of Lake Calumet. The swampy areas can only be utilized by embanking or grading, and in this way, as in the early days of Chicago proper, the improvements are pushed over the surface between Lakes Michigan and Calumet.

It is claimed by many, and there is good authority for the belief, that the harbor, the river, and the little lake, with a projected channel of water communication thence to the south branch of the Chicago River, will, at a future day, play an important part in the commercial and manufacturing operations of Chicago. There is therefore a very decided local opposition to any disposition by the United States Government of the area known as Calumet Lake which would interfere with its public use for commercial purposes. Without attempting to discuss this question, I have only to remark that the results of my survey show Lake Calumet to be a navigable lake, connected with Lake Michigan by a navigable stream, and that with the exception of effects produced by floods and freshets in Little Calumet River, it cannot be drained or filled, except as Lake Michigan, acting under the influences of wind pressures, chooses to raise or lower its surface.

The books of the collector at Calumet Harbor show the average number of vessels clearing at that port during the past five years to be 109 per annum. While engaged in the vicinity, loaded shooners were frequently seen by me, passing by the channel or "outlet" of Lake Calumet, on their way to points on the Grand or the Little Calumet Rivers. The port books show that seven schooners cleared for the above points thus far during 1879, but others have cleared from Chicago for the same points, of which there is no local record.

As my instructions involved a careful, accurate, and complete hydrographical survey, showing the relation of Lake Calumet to the river and Lake Michigan, I could not regard my duty as being fully performed without having made further investigation of the subject. Soundings were therefore taken by me in the connecting channel and thence in the Calumet River to the harbor. The least depth of water found in the connecting channel was 5.9 feet, with an average depth of 7.1 feet. The least depth of water (at one point only) in the Little Calumet proper was 8.5 feet, with an average depth a trifle in excess of 12 feet. As in the case of Lake Calumet, the figures on the map indicate depths of water at its mean level.

It may be asserted that the level of Lake Calumet is affected by surface drainage during seasons of heavy rainfall, and that a more complete system of drains would relieve it by carrying surface waters directly to Lake Michigan. As the country surrounding the lake, whose waters drain toward it, is for the most part without inclination, the passage of water, except when it is drawn off by the action of southerly winds blowing over Lake Michigan, is slow, and much of it is either absorbed or evaporated during the summer months. The waters of ditches leading to Lake Michigan along streets and roads, which pass to the north of the little lake, flow lakeward or landward in obedience to the pressure of southerly or northerly winds, and from this it is readily seen that occupied lands as well as Lake Calumet are affected by the action of the great lake. So far as Lake Calumet is concerned, its means of outlet being far superior to all the little channels through which surface water could flow toward it, the question here raised seems to be deserving of but little attention.

In order that the intimate relationship of the bodies of water described in this report might be better understood, and to provide a permanent means of reference, which of itself would at any future time lead to a speedy demonstration of such relationship, I have made examinations in addition to those already mentioned.

Through the kindness of City Surveyor S. S. Greely, esq., I was furnished with notes of reference to bench marks at Calumet Harbor, showing the elevations at certain points above Chicago City *datum*, which is also the zero of the official water gauge of that city. I was also, by courtesy of the city engineer, allowed access to the official water gauge records and profiles, showing readings and undulating line of the surface of Lake Michigan through a period of twenty-five years. These *data* furnished the



means of obtaining an answer to a question that might reasonably be anticipated: *Were the waters of Lake Michigan at the time of your survey above or below the ordinary level?*

The official record above alluded to shows that the highest level reached by Lake Michigan, as therein recorded, occurred in September, 1858, and the lowest in January, 1869. In the former case it stood at 4.69 above, and in the latter 1 foot below the city datum. This shows the range between high and low waters to be 5.69 feet.

About the close of my survey, or on July 26, the water in Calumet Harbor stood at 1.29, which, by reference, is found to be within two inches of its mean level for the two preceding months of May and June. The highest mark of late years, noted in the aforesaid record, is that for July, 1876, which was 4.20 A. D. In April, 1877, it is recorded at 3.90 feet A. D., and in June, 1878, and April, 1879, it is placed at 3.30 feet A. D. It will be seen from these figures that the level of Lake Michigan at the date of this survey was very considerably *below* its high-water lines. The general average height of the lake, as computed at the city engineer's office, for a period of twenty years ending in 1874, is 1.82 A. D. It thus appears that the surface of the lake at the time of this survey was *below its general average*.

A line of levels was carried by me, over firm ground, around the north and west shores of Lake Calumet for a distance of eight miles, and there connected with our water gauge. Advantage was then taken of a calm morning (at seven o'clock, July 31), following a night free from disturbing air currents, when simultaneous observations were taken at the harbor and at the Lake Calumet water gauge, for the purpose of determining the relative levels of the two lakes. It was thus shown that the surface of the water in Lake Calumet was 0.51 foot, or  $6\frac{1}{8}$  inches above that in Calumet Harbor; the respective heights of the two surfaces at that hour being 1.76 feet and 1.25 feet A. D.

Time was not consumed in taking repeated observations of this kind, as it is believed that the result thus obtained is sufficiently close for the purposes of the survey.

Having from her own water marks, previously obtained, found the range of Lake Calumet's rise and fall to be 2.20 feet, further confirmation from supposed action of the waters of Lake Michigan was sought, when it appeared that 1.70 feet A. D., the then level of the little lake, plus its own marked rise of 2.20 feet, equaled 3.90 feet A. D., a level corresponding precisely with the height of water surface of Lake Michigan for April, 1877, and but four inches below the highest mark recorded in late years (July, 1876).

From the foregoing the demonstration is reached that, independent of surface drainage or river freshets, so long as Lake Michigan remains in its present condition, at or near the general average level, as herein stated, and is, as now, in communication with Lake Calumet, the latter must remain a living lake, supplied with fresh water from its great neighbor. The fact is equally apparent that its lowest stages of water can only be produced by the pressure of strong winds blowing off the south shore of Lake Michigan.

As before remarked, the opening of another channel, as proposed, connecting the two lakes, must serve to quicken the responses of the little lake to the never-ending changes of level occurring in the greater body of water.

The conclusion is therefore unavoidable that Lake Calumet is a permanently navigable body of water; that it was so regarded and properly treated at the time of making the original survey; and that the slight changes which may have since occurred in the nature of the surface embraced within the meander and other lines inclosing Lake Calumet have not had the effect of creating any additional areas recognizable under existing laws as surveyable lands belonging to the public domain.

A map drawn to a scale of 20 chains to the inch, voluminous field notes, with diagram attached, and other papers, including letters and copies of correspondence relating to the survey, accompany this report.

I beg leave further to record herein an acknowledgment of hospitalities freely extended to myself and party by Col. J. H. Bowen and his household, of Wildwood. The somewhat unusual facilities for transportation required in this case were also provided by him, and his assistance in various ways tended greatly to expedite and lighten the labors of the survey.

Respectfully submitted.

J. B. BAUSMAN,  
Special Examiner.

Hon. J. A. WILLIAMSON, *Commissioner*.

DEPARTMENT OF THE INTERIOR,  
GENERAL LAND OFFICE,  
Washington, D. C., March 23, 1880.

The foregoing report and accompanying map and field notes are approved. The survey of the area embraced within the original meander lines of Calumet Lake, in township 37 north, range 14 east of the third principal meridian, Illinois, made by



Alexander Wolcott, under his contract bearing date December 13, 1877, is accordingly rejected, and the entries of lands, as shown upon the records of this office, within the above-described area, and based upon the aforesaid survey, are hereby ordered to be canceled.

J. A. WILLIAMSON,  
*Commissioner and Ex-Officio Surveyor General of Illinois.*

*Survey and subdivision of Red Cloud and Spotted Tail Reserves, in Dakota.*

My last annual report contained a description, somewhat in detail, of the proceedings of this office in compliance with acts of Congress of May 27, 1878, and March 3, 1879, by each of which the sum of \$10,000—, \$20,000 in all—was appropriated in payment for subdivisional surveys within the limits of the Red Cloud and Spotted Tail Indian Reservations, in Southern Dakota.

The object of these surveys is to secure to all members of the above-mentioned tribes who may desire to engage in agricultural pursuits possessory rights in severalty to lands that may be found suitable for such purposes.

In accordance with treaty stipulations, each head of a family may select and occupy three hundred and twenty acres, and each person above the age of eighteen years, who is not the head of a family, is entitled to eighty acres.

In accordance with the recommendation of the commission appointed by authority of Congress to visit the reservations, the subdivision of such lands as might be found suitable for cultivation into forty-acre tracts was ordered by the Hon. Secretary of the Interior. The subdivision of the lands into tracts of the dimensions last mentioned causes an increase in mileage of subdivisional work amounting to one hundred and fifty per cent. additional to that required in ordinary public land surveys, while the increased number of corners required to be established stands in proportion as sixteen to three. It is therefore apparent that the cost of survey of a given area under the above requirement is largely in excess of that incident to the usual public land surveys. It is also apparent that the establishment of so many additional corners upon the exterior lines of townships and sections and in the interiors of sections necessitates a large amount of additional work per mile over that required in ordinary surveys. Notwithstanding this fact, the surveys, in the absence of any special rate of payment for service of this kind, have been executed by Daniel G. Major at the same rates paid during the last fiscal year for ordinary public land surveys.

Surveys to about the extent of the appropriations already mentioned have been made, and the returns in duplicate for a large part of the surveyed area have been prepared by this office, and copies of the same have been furnished to the Indian Office preparatory to entry and occupation of the lands by members of the tribes.

The returns thus far received represent a surveyed mileage of 416 miles 32.14 chains of exterior and standard lines, and 1,790 miles 70.51 chains of subdivisional lines. The above mileage completes the surveys of 208,299.30 acres of lands in both of the aforementioned reservations under the first named appropriation and 67,063.90 acres under the last appropriation; making a total surveyed area for which returns have thus far been received of 275,363.20 acres. It is expected that the returns of further surveys under the last appropriation yet to come in will amount to about 65,000 acres, and that payment for the same will absorb the unpaid portion of the appropriation applicable to this work.



*Survey of the Colorado and Utah boundary.*

At the date of preparation of the last annual report, returns had been received of the survey of 150 miles of the Colorado-Utah boundary north from the initial point, which is a corner common to Colorado, Utah, New Mexico, and Arizona. The boundary line is the 32d meridian west from Washington, and it extends from the 37th to the 41st parallel north latitude. The total distance, as determined by chaining, is 276 miles 60.64 chains. The northern extremity of this boundary intersects the south boundary of Wyoming at a point 262 miles 28.58 chains west of the corner common to Colorado, Wyoming, and Nebraska. The survey was completed July 19, 1879. Full returns in triplicate have been received by this office, and copies have been forwarded to the surveyors general of Colorado and Utah.

The character of the country traversed by the first 150 miles of the survey was described in the last report. That portion was rocky, rugged, and destitute of settlements worthy of the name; the remaining portion of the boundary was for the most part found to be more broken, more sparsely timbered, the mountains were found to be of greater elevation, with slopes of greater inclination, which were at some points impassable. The expedition was subjected to unusual hardships on account of the scarcity at several points of water and grass.

The boundary being a meridian, it was traced by means of continued observations upon Polaris, corrections for alignment being made at intervals. The magnetic declination (east) was found to vary from  $13^{\circ} 45'$  at the commencement of the survey to  $16^{\circ} 45'$  at the termination of the first hundred miles, increasing and diminishing with marked irregularity within that distance. At the 139th mile the declination had again diminished to  $14^{\circ} 45'$ ; at 212 miles it is shown to be  $16^{\circ} 20'$ . From the 214th mile to the termination of the survey the deviations from  $16^{\circ} 30'$  are scarcely noticeable.

Portions of the line were found to be impassable, and were, as appears, of necessity unmarked. The greatest difficulties of this nature were encountered at the crossings of mountains in the vicinity of White and Green Rivers. The principal streams crossed by the line are the San Juan, near the initial point, the Dolores, near the 121st mile, White River, near the 210th, and Green River at the 247th mile.

Barometrical observations were taken at every established mile post. The indicated elevation of the initial point above sea level is 4,700 feet. The highest point on the southern portion of the boundary is at the 103d mile, where an elevation of 8,380 feet is indicated. At the 148th mile, near Grand River, the surface is shown to be as low as 4,040 feet. The great undulations of the surface continue until the 235th mile is reached; thence to the termination of the boundary line the surface, though cut by numerous deep cañons, is mainly at high elevations. The highest elevation of the boundary line, as shown by the records, is at the 273d mile, where 8,450 feet is indicated.

Several white sulphur springs are noted at a point about fifteen miles east of the crossing of the south branch of Cliff Creek.

*Augmented rates for surveys.*

With regard to section 2405 of the Revised Statutes of the United States, allowing of augmented rates being paid in certain cases for the survey of public lands in California and Washington Territory, the question as to its being still in force having been submitted to the hon-



orable Secretary of the Interior, the following was received from him in reply, viz :

DEPARTMENT OF THE INTERIOR,  
Washington, June 16, 1879.

SIR: I have received your letter of the 17th ultimo, stating that "applications having been made to this office to allow the augmented rates for surveys in California provided in section 2405 of the Revised Statutes, I have the honor to submit, for decision by the department, the question whether said section is now in force in respect to the appropriation of \$300,000 by act of Congress approved March 3, 1879, for surveys of public lands during the year ending June 30, 1880, no provision having been made by said appropriation act as to the rates per mile to be paid for surveys."

You also call my attention to the appropriation acts of 1877 and 1878, in which the rates per mile to be allowed for surveys were fixed, and state that "in issuing instructions to United States surveyors general in reference to surveys to be made out of the appropriation by act of March 3, 1879, for the year ending June 30, 1880, I have informed them that the rates per mile allowed for the past two years would be considered as the governing rates, thus recognizing the rates fixed as the maximum rates in said appropriation acts to be the permanent policy of Congress until otherwise changed by law."

I have also received your letter of the 6th instant, stating that the applications referred to in your former letter were transmitted by the surveyor general of California, giving a statement of the facts upon which said applications were made, and also an expression of your views as to the necessity of having the rates of surveys augmented in certain cases.

Upon the question as to whether section 2405 of the Revised Statutes is now in force, I have to state that in my opinion it is in force. There has been no act repealing it, and as no rates have been fixed in the appropriation act for the next fiscal year, it leaves the rates to be established by you.

Your action in instructing the surveyors general generally that the rates fixed in the appropriation acts of 1878 and 1879 would be followed in the appropriation made for the next year is approved, for the reasons stated by you. This, however, does not take away your authority to augment the rates in special cases provided for in section 2405. While it is true that this right still exists, yet it should not be exercised in any case except where the facts show it to be absolutely necessary to increase the rates in order to have the surveys made.

You will, therefore, instruct the surveyor general of California that if applications are made to him, or he deems it necessary that surveys should be made of townships which cannot be surveyed at the rates fixed in your instructions, he will first have a thorough examination made of the tract of country to be surveyed before making any contract for the survey, and report to you all the facts in relation to the character of the lands, the kind and character of difficulties to be overcome in making the survey, and the reasons why such survey should be made, for instructions.

On the receipt of such report, with the application, you will transmit the same to this department, with your views thereon, for consideration.

No surveys should be made except at the minimum rates, unless for the most urgent reasons.

Very respectfully,

C. SCHURZ, *Secretary.*

The COMMISSIONER OF THE GENERAL LAND OFFICE.

### *Individual deposits for surveys.*

The following circular instructions have been issued on this subject, viz :

DEPARTMENT OF THE INTERIOR,  
GENERAL LAND OFFICE,  
Washington, D. C., March 5, 1880.

TO SURVEYORS GENERAL, REGISTERS, AND RECEIVERS:

GENTLEMEN: The circular of this office dated January 19, 1880, relative to surveys under the provisions of section 2401, Revised Statutes of the United States, and circular dated June 27, 1879 "in relation to certificates of deposit on account of surveys," are hereby revoked, and the following is substituted therefor:

1. The provisions of law governing such surveys, and the issue and application of certificates of deposition account thereof, are sections 2401, 2402, and section 2403, United States Revised Statutes, as amended by act of March 3, 1879, namely:

"SEC. 2401. When the settlers in any township not mineral or reserved by government desire a survey made of the same under the authority of the surveyors general,



and file an application therefor in writing, and deposit in a proper United States depository, to the credit of the United States, a sum sufficient to pay for such survey, together with all expenses incident thereto, without cost or claim for indemnity on the United States, it may be lawful for the surveyor general, under such instructions as may be given him by the Commissioner of the General Land Office, and in accordance with law, to survey such township and make return thereof to the general and proper local land office, provided the township so proposed to be surveyed is within the range of the regular progress of the public surveys embraced by existing standard lines or bases for the township and subdivisional surveys.

"SEC. 2402. The deposit of money in a proper United States depository, under the provisions of the preceding section, shall be deemed an appropriation of the sums so deposited for the objects contemplated by that section, and the Secretary of the Treasury is authorized to cause the sums so deposited to be placed to the credit of the proper appropriations for the surveying service; but any excesses over and above the actual cost of the surveys, comprising all expenses incident thereto for which they were severally deposited, shall be repaid to the depositors respectively.

"SEC. 2403 (as amended by act of March 3, 1879). Where settlers make deposits in accordance with the provisions of section twenty-four hundred and one, the amount so deposited shall go in part payment for their lands situated in the townships, the surveying of which is paid for out of such deposits; or the certificates issued for such deposits may be assigned by indorsement, and be received in payment for any public lands of the United States entered by settlers under the pre-emption and homestead laws of the United States, and not otherwise."

#### APPLICATIONS FOR SURVEYS.

2. Applications for surveys under section 2401 must be made in writing, and must designate as nearly as practicable the township to be surveyed, and state that the applicants are actual, bona fide settlers therein, that they are well acquainted with the character and condition of the land included in said township, and that the same is not mineral or reserved by government.

3. The mineral character of a township will be determined from the character of the greater portion of the land. Where it is not known that the greater portion of the land of a township is mineral, such township will be deemed surveyable under the provisions of section 2401. In such case the application will state the fact that the greater portion of the land is not mineral.

4. Every application for a survey must be accompanied by affidavits corroborating in full the statements made in the application.

5. Copies of the application and affidavits, certified by the surveyor general of the district within which such lands are situated, must be transmitted to this office with the contract and bond entered into for the survey thereof.

6. Where the partial survey of a township becomes necessary on account of natural obstructions to a complete subdivision of the same, or of previous partial surveys, or for other good and sufficient reason, and it is impracticable to proceed regularly from a connection with the established southeast corner of the township, the survey must be connected with the nearest and most accessible established corner of existing surveys, and the lines must be properly run, measured, and marked from that point, so as to represent accurately and correctly the sections and subdivisions embraced in the surveys under execution. In such case the connecting corner should be fully identified and described in the manner required by law and instructions, and a full explanation should be given in the field notes of the deputy showing the reasons for its adoption as the corner from which additional surveys are initiated.

7. Where one or more settlers on public lands make application as aforesaid for the survey of a particular township at his or their expense, the surveyor general shall furnish the applicant or applicants two separate estimates, one being for the cost of the subdivisional survey of the surveyable portion of the entire township, and the other to cover all the expenses incident thereto. The surveyor general will take the precaution to estimate adequate sums in order to prevent deficiencies in the cost of the service.

#### DEPOSITS.

8. Settlers availing themselves of the foregoing provisions will deposit with an assistant treasurer or in a designated depository of the United States, to the credit of the Treasury of the United States on account of surveying the public lands and expenses incident thereto, in the district in which their claims are situated, the sums so estimated as the total cost of the survey, including field and office work.

9. Where several settlers desire the survey of the same township, the necessary deposit to cover all expenses of the survey and platting may be so subdivided as to be proportionate to the amount of lands within the township claimed by each settler.

10. In cases where the estimated cost of survey and incidental expenses is in excess



of two hundred dollars, the settler should be instructed to deposit in two or more sums, in order that no certificate may bear a face value of more than two hundred dollars.

11. Settlers making deposits for surveys are required to transmit the *original* certificate of deposit to the Secretary of the Treasury, and the *duplicate* to the surveyor general. They will retain the *triplicate* to be used in the purchase of public lands in the surveyed township, if desired, or to be disposed of by assignment as provided by law.

12. The *triplicates* only, therefore, are to be received in the purchase of lands under the pre-emption and homestead laws; and should any originals or duplicates be presented in payment, the register and receiver are directed to take possession of the same and to transmit them at once to the General Land Office for examination.

13. Where the amount of a certificate or certificates is less than the value of the lands taken, the balance must be paid in cash.

14. Where the certificate is for an amount greater than the cost of the land, but is surrendered in full in payment for such land, the receiver will indorse on the triplicate certificate the amount for which it is received and will charge the United States with that amount only.

#### EXCESS REPAYMENTS.

15. Where the amount of the deposit is greater than the cost of the survey, including field and office work, the excess is repayable upon an account to be stated by the surveyor general.

16. The surveyor general will, in all cases, be careful to express upon the register's township plat the amount deposited by each individual, the cost of the survey in the field and office work, and the amount to be refunded in each case.

17. Before transmitting accounts for refunding the excess of deposits over and above the cost of surveys in the field and office work, the surveyor general will indorse on the back of the triplicate certificate of deposit in the possession of the depositor the following: "\$——— refunded to —— —, by account transmitted to the General Land Office with letter dated —— —," and will state in the account that he has made such indorsement. Where the whole amount deposited is to be refunded, the surveyor general will require the depositor to surrender the triplicate certificate of deposit, and will transmit it to this office with the account.

18. No provision of law exists for refunding to other than the depositor, nor otherwise than as referred to in the preceding sections.

#### ASSIGNMENTS.

19. Under section 2403, as amended, certificates of deposit for surveys "may be assigned by *indorsement*." Assignments of such certificates are therefore not required to be acknowledged before an officer authorized to take acknowledgments, but the same will be recognized when made and presented in accordance with usages governing in cases of ordinary negotiable paper.

20. Certificates issued before or subsequent to March 3, 1879, may be assigned, but if issued prior to August 1, 1879, they must be sent to the General Land Office for an examination as to excess repayments, if any, before they can be received by the receiver.

21. Assignments may be made to one or more persons, and when there are several original parties to, or several assignees of, one certificate, whether the same was issued on account of joint deposits or otherwise, and such certificate is presented in payment for lands to which it is authorized to be applied, the register and receiver will make the proper indorsement on the triplicate certificate presented showing the satisfaction of the pro rata share of each party interested. They will make the same notes respectively on the register's certificate of purchase and the receiver's original and duplicate receipts.

22. When the entire amount of a certificate is not satisfied at the same time, the triplicate should be retained by the receiver, and when fully satisfied, be sent up with his quarterly returns in the usual manner. But such certificates should as far as practicable be satisfied during the current quarter, and in order to avoid embarrassment in the settlement of receivers' accounts, and to enable depositors to more readily utilize their certificates, attention should be particularly directed to the instructions contained in section 10 of this circular.

23. The statute specifically provides that certificates when assigned may "be received in payment for any public lands of the United States entered by *settlers* under the *pre-emption* and *homestead* laws of the United States and *not otherwise*." They are therefore *not* receivable in payment for lands sold at public or private sale, nor for mineral, desert, coal, or timber lands, nor for fees and commissions on homestead entries, nor in any manner otherwise than as provided by law.



## REGISTER'S AND RECEIVER'S RETURNS.

24. In their monthly cash abstracts the register and receiver will designate the entries in which certificates of deposit are used, and the balances paid in cash, if any, noting on the certificates of purchase and receipts the manner of payment. The receiver in his monthly account current will debit the United States with the amount of such certificates, and in his quarterly accounts will specify each entry made with these certificates, giving number, date, amount for which received, by whom and with whom the deposit was made, and debit the United States with the same, which must accompany his accounts as vouchers.

Very respectfully,

J. M. ARMSTRONG,  
*Acting Commissioner.*

*Existing military reservations in public land States and Territories.*

From the reservation files of the surveying division, E, a list is reported of the above-mentioned reservations, which I hereto attach. It will be seen that some of these reservations have been recommended by the Secretary of War to be relinquished as no longer required for the military, but for that purpose legislation is required, except as regards military reservations in Florida, under the 6th section act of June 12, 1858. (11 Statutes, p. 336.)

*Alabama.*—At entrance to Mobile Bay, the small islands between the north point of Dauphin Island and Cedar Point were reserved by Executive order dated February 9, 1842. The names of part of them are Heron, Tower, and Grant's Islands. No survey of them ever returned to General Land Office. Area not determined. May 18, 1878, the Secretary of War reported that Heron, Tower, and Grant's Islands should be retained, and that the other islands might be relinquished.

*Alabama and Mississippi.*—By President's order dated August 30, 1847, there was reserved the following islands and parts of islands in the Gulf of Mexico opposite Mississippi and Alabama: All that part of Cat Island owned by the government; all of Ship, Round, Hurricane, and Dog Islands; the west and east ends of Horn Island, and the west and east ends of Petit Bois Blanc Island. Dog and Hurricane Islands not surveyed, not on Coast Survey chart, and supposed to have been washed away. Area of reservations, 6,061.64 acres. May 18, 1878, the Secretary of War reports Cat Island and parts of Horn Island and Petit Bois Blanc Island not needed for military purposes.

*Arizona.*—Camp Apache Reservation. This was formerly a part of the White Mountain Indian Reservation, and was restored from that to the public domain by Executive order dated January 26, 1877, and on February 1, 1877, was declared a military reservation. It contains 7,421.14 acres.

Camp Crittenden, in township 21 south, ranges 16 and 17 east, reserved by President's order dated March 30, 1870, contains 3,278.08 acres. Recommended by Secretary of War to be relinquished to Interior Department.

Camp Bowie, near Chiricahua Mountains, originally declared by Executive order dated March 30, 1870; enlarged by Executive order dated November 27, 1877, so as to contain 36 square miles, or 23,040 acres.

Old Camp Grant, situated at the junction of Arivapa Creek and Rio San Pedro, contains 2,031.70 acres. The Secretary of War reports the post as abandoned, and recommends to Congress that the reserve be sold.

Camp Grant (new), at the foot of Graham Peak, in townships 8, 9, and 10 south, ranges 23 and 24 east, reserved by President's order dated April 17, 1876, contains 42,341 acres.



Camp Goodwin, on south side of Gila River. Reserved by Executive order dated August 20, 1867; six miles square, or 23,040 acres. Part of this reservation was subsequently included in another reservation called Camp Thomas. That part not included in Camp Thomas Reservation recommended by Secretary of War to be relinquished to the Interior Department.

Camp Mojave, on Colorado River, declared by Executive order dated March 30, 1870, contains 5,582 acres. The reservation for hay and wood for Camp Mojave was declared also on March 30, 1870, and contains 904.81 acres.

Camp McDowell, situated on River Verde, ten miles along the river, extending two miles on each side of the river, and declared by President April 12, 1867, contains 24,750.15 acres.

Camp Lowell, in townships 12 and 13 south, ranges 14, 15, 16 east, declared October 26, 1875, contains 78 square miles, or 49,920 acres.

Camp Thomas, mostly in township 4 south, range 23 east, declared May 18, 1877, by Executive order, contains 10,487 acres. This reservation was in great part reserved in 1867 as Camp Goodwin.

Camp Verde, on the River Verde and partly in township 13 north, range 5 east of Gila and Salt River meridian, originally declared by Executive order dated March 30, 1870, enlarged by Executive order dated August 17, 1876, contains 9,293.79 acres.

Post garden for Camp Verde contains 3,000 acres; was reserved by Executive order dated October 24, 1871.

Fort Whipple, in townships 13 and 14 north, range 2 west, originally declared by Executive order dated August 31, 1869. By Executive order dated October 19, 1875, it was relocated so as to contain 1,730 acres, and that part of former reservation excluded from the relocation was disposed of under act of Congress approved June 22, 1874.

Timber reserve for Fort Whipple, in township 13 north, range 2 west, the northeast quarter and south half of section 34, west half of northwest quarter and west half of southwest quarter of section 35, east half of southeast quarter of section 23, amounting to 720 acres.

Fort Yuma in Arizona and California. See under the latter head for description.

*Arkansas.*—Fort Smith National Cemetery at Fort Smith, originally included in Fort Smith Military Reservation, which was reserved July 22, 1822, at request of Secretary of War, and was relinquished to Interior Department under act of Congress approved February 24, 1871. The cemetery grounds were reserved by Executive order dated May 22, 1871, and enlarged by Executive order dated December 3, 1876. As enlarged it contains 14.81 acres in section 17, township 8 north, range 32 west.

Quarrying reservation for stone for public buildings at Little Rock Arsenal, selected by Lieut. J. F. Lee in sections 25 and 36 of township 4 north, range 15 west, containing 260.96 acres, was reserved by order of Commissioner of General Land Office dated April 11, 1839.

*California.*—Angel Island, situated in Bay of San Francisco, reserved by Executive orders dated November 6, 1850, and April 20, 1860. Area not known.

Alcatraz Island, in Bay of San Francisco, reserved by Executive order dated November 6, 1850. Not surveyed; area not known.

Benicia Barracks and Arsenal at Benicia, declared by Executive order dated October 10, 1862. Area, 344.90 acres.

Fort Bidwell, situated in township 46 north, ranges 15 and 16 east of Mount Diablo meridian, originally declared October 19, 1866, enlarged



by Executive order dated October 4, 1870, so as to contain 2,561.45 acres. Wood reservation for Fort Bidwell was declared February 7, 1871, and contains 640 acres.

Camp Cady, on Mojave River, in township 10 north, range 5 east of San Bernardino meridian, declared by Executive order dated June 3, 1870, contains an area of 1,562 acres. May 18, 1878, Secretary of War reports post abandoned April 24, 1871, and recommends to Congress that the reservation be relinquished to Interior Department for disposition.

Fort Crook, situated in townships 37 and 38 north, range 4 east of Mount Diablo meridian. Estimated area, 2,560 acres. Never declared by Executive order. Post abandoned June 1, 1869. Government buildings sold and recommendation made by Secretary of War to Congress for relinquishment of reserve to Interior Department for disposal of same.

Deadman's Island, lot 1 of section 19, township 5 south, range 13 west of San Bernardino meridian, containing 2 acres. Declared reserved by Executive order dated March 15, 1872.

Camp Gaston, situated within Hoopa Valley Indian Reservation, in township 8 north, range 5 east of Humboldt meridian, extends one mile along Trinity River, and contains an area of 451.50 acres. It was declared by Executive order dated April 2, 1869.

Fort Hill, or Monterey, at Monterey, declared by Executive order dated November 23, 1866. Information as to area not at hand.

Camp Independence Reservation, declared by Executive order dated January 23, 1866. Post reserve, lot 1 of northeast quarter of section 1, township 13 south, range 34 east, and west half of lot 1 of northwest quarter of section 6, township 13 south, range 35 east of Mount Diablo meridian, 12 acres. Hay reserve, sections 3 and 5 of township 13 south, range 35 east, 2,530.18 acres.

Molate Island, or Golden Rock, in San Francisco Bay, reserved March 2, 1858, by Secretary of Interior, in anticipation of its being needed by War Department. Unsurveyed; area not known.

Presidio Reserve, No. 1 (Fort Point), on Bay of San Francisco, declared by Executive orders dated November 6, 1850, and December 31, 1851. Area, 1,382.22 acres.

Point San José, declared by Executive orders dated November 6, 1850, and December 31, 1851. Area, 130.24 acres, less the area relinquished to the city and county of San Francisco by act of Congress approved July 1, 1870 (16 Statutes, p. 186).

Peninsula Island, in Bay of San Francisco, in township 1 south, ranges 5 and 6 west of Mount Diablo meridian. Declared by Executive order dated August 20, 1867. Unsurveyed; area not known.

Fort Reading, in townships 30 and 31 north, range 3 west of Mount Diablo meridian. Abandoned by the military in 1869. Post established by War Department in 1862. Reservation never declared by President. Lands withheld from disposal under opinion of Attorney-General that military occupancy constituted a reservation in California, so that lands within a mile of the post could not be sold without an act of Congress authorizing it. Recommendation made by Secretary of War to Congress for authority to transfer it to the Interior Department; the measure was pending before Congress during last session. Area reserved, 3,962.90 acres.

Point Loma (San Diego), at San Diego Harbor, reserved by Executive order dated February 26, 1852. "To include that portion of the peninsula lying on west side of entrance to the harbor, which shall be included between the southernmost point of the peninsula (Punta de Loma) and a line drawn across said peninsula from the harbor to the



ocean at a distance of  $1\frac{1}{2}$  miles above Punta de Guisanas." Area not stated.

San Solita Bay Point, reserved by Executive order dated November 6, 1850. From southern boundary San Solita Bay, a line parallel to the channel of entrance to the Pacific; area not given.

Three Brothers, Three Sisters, Marin Islands, in entrance to San Pablo Bay, declared by Executive order dated October 25, 1867. Unsurveyed; area not known.

Yerba Buena Island, in San Francisco Bay, declared a reservation by Executive orders dated November 6, 1850, and October 12, 1866. Unsurveyed; area not given.

Fort Yuma, in California and Arizona, declared by Executive order dated January 22, 1867, situated at junction of Gila and Colorado Rivers. Area, 5,224.30 acres, less the amount granted by act of Congress approved January 28, 1875, to Yuma City, said grant not exceeding ten acres (18 Statutes, p. 303).

*Colorado.*—Fort Garland, in township 30 south, range 72 west of sixth principal meridian, area 2,560 acres, declared by Executive order dated March 29, 1870. It falls within the claimed and surveyed limits of the Sangre de Christo grant.

Fort Lyons, on Arkansas River, and including certain islands in the river, originally declared August 8, 1863, modified by Executive order dated September 1, 1868. Area as modified, 5,874 acres, less 10 acres for depot and right of way to railroad company granted by act of Congress approved June 23, 1874 (18 Statutes, p. 274).

Pike's Peak signal station, declared by Executive order dated December 23, 1873. Area, 8,192 acres.

Fort Sedgwick, on South Platte River, partly in Nebraska and partly in Colorado, declared by Executive order dated June 28, 1869. May 18, 1878, the Secretary of War reported that post was abandoned May 31, 1871. Recommendation made to Congress for authority to transfer the reserve to Interior Department. Area of reservation, 64 square miles, or 40,960 acres.

Fort Lewis, at Pagosa Springs, declared by Executive order dated January 28, 1879, six miles square, excluding the one mile square at the springs reserved as a prospective town site. Area, 35 square miles, or 22,400 acres.

*Dakota.*—Fort Abraham Lincoln, on west bank of Missouri River, at crossing of Northern Pacific Railroad, also includes Sibley Island, declared originally February 11, 1873. Present reservation declared December 17, 1875, as a substitute for former. Area not known.

Fort Buford, situated in Montana and Dakota, on the Yellowstone and Missouri Rivers, declared by Executive order dated August 18, 1868. Area, 30 miles square, or 576,000 acres.

Fort Pembina, declared by Executive order dated October 4, 1870, sections 16, 17, 18, and fractional section 15, township 163 north, range 51 west of fifth principal meridian. Area, 1,899.08 acres.

Fort Randall, on the Missouri River, declared by Executive order dated June 14, 1860. Portion relinquished by Secretary of War September 9, 1867, and resumed October 25, 1870, according to original limits. Under act of Congress approved May 18, 1874 (18 Statutes, p. 47), small portions of the reserve have been relinquished by the Secretary of War, to be disposed of to settlers who had claims to same. Reservation mostly unsurveyed. Estimated area, 150 square miles, or 96,000 acres.

Fort Rice, situated on the Missouri River, declared by Executive or-



ders dated September 2, 1864, and January 22, 1867. Not surveyed; area estimated at 160 square miles, or 102,400 acres.

Fort Stevenson, declared by Executive order dated June 30, 1868, situated on the Missouri River. Unsurveyed; area estimated at 75 square miles, or 48,000 acres.

Fort Sully, situated on the Missouri River, originally declared by Executive order dated December 10, 1869. By Executive order dated January 17, 1877, it was reduced by leaving out that part of original reserve west of the east bank of the Missouri River, the same being within the Sioux Indian Reservation. Present area (unsurveyed) estimated to be about 45 square miles, or 28,800 acres.

Fort Totten, on Cheyenne River and Devil's Lake, originally declared by Executive order of January 11, 1870, enlarged by Executive order dated October 7, 1873, by adding to it all islands in Devil's Lake. By General Orders No. 17, August 28, 1876, reduced. Present limits: 1st, all islands in Devil's Lake; 2d, tract bounded on east by line between ranges 64 and 65 west, on south by the Cheyenne River, on west by line between ranges 65 and 66 west, on north by Devil's Lake. Area estimated at about 46,000 acres.

Fort Wadsworth, situated in townships 124, 125, 126, 127 north, ranges 55 and 56 west of the fifth principal meridian, originally declared by Executive order dated March, 1867, again declared October 14, 1867, modified by Executive order dated February 7, 1871, so as to leave out that part formerly embraced within the Sisseton and Wahpeton Indian Reservation. Area, 78,400 acres.

Fort Meade, in townships 5 and 6 north, range 5 east of Black Hills meridian, 2 miles wide, 6 miles 10 chains and 10 feet long. Area about 7,840 acres.

*Florida.*—North end of Amelia Island, Fort Clinch, reserved by Executive order dated February 9, 1842, fractional section 8, township 3 north, range 29 east, fractional section 11, and lots 1 and 2 of section 14, township 3 north, range 28 east. Area, 419.44 acres. Lot 2 of section 14 was patented to D. L. Yulee, September 5, 1853.

Fort McRee, near Pensacola, in township 3 south, range 31 west, reserved by Executive order dated February 9, 1842,—“all the public land within one mile of the fort on Foster's Bank.” Area not determined.

Babbitt or Battard Island, reserved by order of Secretary of War dated March 23, 1849.

The whole of Babbitt or Battard Island occupied by the pilots situated south of the Fort George Island, on north bank of Saint John's River, and the land westward between said island and the inland pass from the Saint John's to the Saint Mary's River, for the entire length of the island.

The records show that said island was sold in 1839, and the remainder of the reservation was selected by the State in 1855 as swamp land, but has not been approved. Area not known.

Fort Brooke, at Tampa, originally reserved December 10, 1830, reduced several times, relinquished to Interior Department, and again resumed. Finally declared by Executive order dated May 29, 1878. Area, 155.50 acres.

Cedar Keys, originally reserved March 2, 1840, again reserved March 23, 1849. By order of the Secretary of War, May 18, 1878, the War Department relinquished all except North, Snake, and Mullet Keys. Area of North and Snake Keys is 211.65 acres. Mullet Key is at the entrance to Tampa Bay, and is not one of the “Cedar Keys.” Area not known.



Islands in Charlotte Harbor. By order of Secretary of War dated March 23, 1849, there were reserved Gasparilla Island, Boca Grande Island, and the small islands east of said islands and within one mile. May 18, 1878, the Secretary of War relinquished all except the south end of Gasparilla Island for a length of two miles and the north end of Boca Grande or Cayo Costa Island for a length of two miles. Area not relinquished, 2,143.38 acres, situated in townships 43 and 44 south, range 20 east, and township 44 south, range 21 east.

Dry Tortugas, reserved by Executive order dated September 17, 1845. Not surveyed and area not known.

Egmont Island, at entrance to Tampa Bay, reserved by order of Secretary of War dated March 23, 1849. Area not obtainable.

Fort Barrancas, in Pensacola Harbor. Area not known. Said to have been declared February 9, 1842; order not found, but it falls within the naval reservation declared by Executive order dated January 10, 1838.

At Saint Andrew's Sound. By order of Secretary of War dated March 23, 1849, there was reserved "the tongue or neck of land called Crooked Island, east of the several entrances to the sound." Area not known.

Fort Marion, &c., at Saint Augustine, reserved by orders of the Secretary of War dated October 13, 1838, and March 23, 1849. By the latter order all the public land in the town and vicinity of Saint Augustine, including the site of the work at Matanzas Inlet, was ordered to be reserved for military purposes until the completion of the surveys necessary for the location of the required defenses. Exact area of reservation not known.

Saint George's Sound. By order of Secretary of War dated March 23, 1849, there was declared reserved: 1st, at the West Pass the small sand island called Flag Island; 2d, the west end of Saint George's Island for a distance of two miles; 3d, the whole of Dog Island. Dog and Saint George's Islands were included in patent to Colin and Robert Mitchell *et al.* issued June 9, 1842, being a part of "Forbes's purchase." Area of Flag Island not known.

Saint Joseph's Bay. By Executive order dated November 12, 1838, and by order of Secretary of War dated March 23, 1849, "the whole neck or peninsula forming the Bay of Saint Joseph from its northern extremity or Point Saint Joseph to its connection with the mainland at the eastern shore of the bay, including Cape San Blas," situated in townships 7, 8, 9 south, range 10 west, and township 9 south, range 11 west. A considerable part of these lands were sold prior to the date of the orders reserving them. Area of present reservation, 3,851.21 acres.

Saint Mark's. Under section 2 of act of Congress approved March 2, 1833, and by order of the President dated January 28, 1852, "all the public land between the Fort and Third street in the town of Saint Mark's." Area not known. By decree of the superior court, middle district of Florida, made June 30, 1838, there was also reserved to the United States for Fort Mark's, a tract of 305.75 acres out of the limits claimed as private land and known as Forbes's purchase, adjacent to the fort. The site of the fort was reserved by order of the Secretary of War, March 23, 1849.

Santa Rosa Sound. By Executive order dated February 9, 1842, there was reserved "so much of the point opposite to and east of the east end of Santa Rosa Island as lies in township 2 south, range 22 west." Area, 5,958.20 acres.

Key West Shoals, reserved by Executive order dated September 17, 1845. No information as to area.



*Idaho.*—Fort Boise, in Boise Valley, one-half mile from Boise City, declared reserved by Executive order dated April 9, 1873. Hay reserve declared September 18, 1874. Area of post reserve, 638 acres; area of hay reserve, 587.55 acres.

Fort Hall, within the Fort Hall Indian Reservation, in township 3 north, range 38 east, declared reserved by Executive order of October 12, 1870. Area, 646.50 acres.

Fort Lapwai, situated within Nez Percé Indian Reservation, within township 35 north, range 4 west, originally declared April 23, 1864. Finally declared by Executive order dated June 15, 1871. Area of post reserve, 640 acres; area of hay reserve, 586.

Camp Three Forks, Owyhee (formerly Camp Lyon), partly in Oregon, partly in Idaho, declared by Executive order dated April 6, 1869. Area of post, wood, and grazing reserves, 4,800 acres. The Secretary of War reports this post abandoned, public buildings sold, and recommendation made to Congress for authority to relinquish the reservations to Interior Department.

Fort Cœur d'Alene, temporarily withdrawn October 12, 1877, by request of Secretary of War, declared by Executive order, dated August 25, 1879. The President's order of April 22, 1880, cancels the order of August 25, 1879, and in lieu thereof reserves two tracts of 640 acres each, one being the post reservation, the other for winter pasturage. Area of reservations, 1,280 acres.

*Illinois.*—Fort Armstrong, Rock Island, in fractional township 18 north, ranges 1 and 2 west of the fourth principal meridian. Reserved by request of Secretary of War, dated March 2, 1825, and 11th September, 1835, containing 896.94 acres. By act of Congress approved June 27, 1866 (14 Statutes, p. 75), certain small islands were added to the reserve, and right of way was granted to Rock Island Railroad Company, and by act approved April 2, 1844 (6 Statutes, p. 908), the fractional southeast quarter of section 25 of township 18 north, range 2 west, was allowed to be entered by George Davenport.

*Kansas.*—Fort Dodge, on the Arkansas River, declared by Executive order dated June 22, 1868. Area of reservation, 43,461 acres.

Fort Hays, in townships 13 and 14 south, ranges 18 and 19 west, declared by Executive order dated August 28, 1868. Area, 7,600 acres.

Fort Larned, in township 21 and 22 south, ranges 17 and 18 west, declared by Executive order dated January 3, 1868. Area, 16 square miles, equal to 10,240 acres.

Fort Leavenworth, in township 8 south, range 22 east, declared by Executive order dated October 10, 1854, as containing 5,471 acres, including 99 acres of improvements lying on Delaware lands. In 1861, by direction of the Secretary of the Interior, 2,554 acres were detached from the reservation and added to the lands ceded by the Delaware Indians, leaving the area reserved of 2,917 acres. By acts of Congress approved July 27, 1868 (15 Statutes, p. 238), a piece of the reservation was granted for a public road, and right of way over the reserve was granted to a railroad company. December 28, 1868, 20 acres were patented to a coal company under the act of July 20, 1868 (15 Statutes, p. 392). Under authority of joint resolution approved February 9, 1871 (16 Statutes, p. 594), a sale of 128.82 acres was to be made to the Kansas Agricultural Association. Estimated area remaining reserved about 2,750 acres.

Fort Riley, in township 11 south, ranges 5 and 6 east, declared by Executive order dated May 5, 1855; reduced under joint resolution of Congress approved July 26, 1866, and order of the President thereunder,



dated July 19, 1867; further reduced under act of Congress approved March 2, 1867 (14 Statutes, p. 573). Area, after reductions, 19,899.22 acres.

Fort Wallace, in township 13 south, ranges 37, 38, 39 west, declared by Executive order dated August 28, 1868. Area, 8,960 acres.

*Louisiana.*—Battery Bienvenue Reservation, ordered by Executive February 9, 1842, in township 12 south, range 13 east, east of river. The order declared a reservation of "the public land 1,200 yards each way from the fort." Area not stated.

Baton Rouge Garrison Grounds in township 7 south, range 1 west, Greensburg district, supposed to have been acquired under treaty with France, April 30, 1803 (8 Statutes, p. 200). Area, 44.17 acres.

On the coast of Gulf of Mexico, by Executive order dated March 25, 1854, there were reserved certain lands in townships 23 and 24 south, range 22 east; township 23 south, range 23 east; township 22 south, range 24 east; township 21 south, ranges 25, 26, 27, and 28 east, and township 22 south, range 29 east, all in southeastern district, west of Mississippi River. May 18, 1878, the Secretary of War reports that none of these reserved lands are needed except "so much of Grand Terre Island as the piece of land at the west end of the island which was purchased by the United States and is occupied by the site of Fort Livingston, and which is required for defensive purposes." Area of reservation not known, several portions being unsurveyed.

Fort Jackson, declared by Executive order dated February 9, 1842. Reservation consists of section 50 of township 20 south, range 30 east, southeastern district, west of Mississippi River. Area, 740.97 acres.

Fort Pike: By Executive order dated February 9, 1842, a reservation was declared of the "public land within 1,200 yards of Fort Pike." All the land so declared was subsequently patented to the State as swamp lands, except section 19 of township 10 south, range 15 east, southeastern district, east of river and south of Great Rigolet. Area of reservation in section 19 not known.

Fort Saint Philip Reservation, declared by Executive order dated February 9, 1842,—section 11, township 19 south, range 17 east, southeastern district, east of river. Area, 556.12 acres.

Tower Dupres, on right bank of Bayou Dupres, Lake Borgne, declared by Executive order dated February 9, 1842,—"all the public land within 1,200 yards of the fort," in township 13 south, range 14 east, east of Mississippi River. Lands found to be covered by private land claim. Area not stated.

Fort Wood, in township 11 south, range 14 east, southeastern district, east of river, declared February 9, 1842,—"all the public land within 1,200 yards of the fort." These lands were found to be covered by a private land claim under French patent.

*Michigan.*—Fort Brady, included within a reservation originally made April 3, 1847, of north half of township 47 north, range 1 east. Present reserve is in sections 5 and 6 of that township, and its limits were designated by the War Department, under act of Congress approved September 26, 1850 (9 Statutes, p. 469). It contained an area of 29.80 acres. By act of Congress approved March 3, 1875 (18 Statutes, p. 519), 1.26 acres were granted for school purposes, and certain streets were established. Exact area of reservation remaining, not known.

Fort Gratiot Reservation, declared by Executive Order dated November 11, 1828. Reservation reduced by various acts of Congress granting portions for different purposes, and authorizing the sale of portions by the Secretary of War. Area of present reserve not known.



Fort Mackinac, or Mackinaw, on island of Mackinac. Reservation declared November 8, 1827. Portion of reserve set apart as a national park by act of Congress approved March 3, 1875 (18 Statutes, p. 517). Other portions were granted to individuals by act of Congress approved March 1, 1879 (20 Statutes, p. 326). Area of existing reservation not known.

Bois Blanc Island, reserved by Executive order dated November 8, 1829. Previously ceded to the United States by treaty of August 3, 1795, with Wyandot Indians (7 Statutes, p. 50). By Executive order, sections 10 to 21, inclusive, and sections 31, 32, 33, and 34, all on the island, were reserved for fuel for the post at Mackinac. The Secretary of War reports the reservation on Bois Blanc Island as no longer needed for military purposes. Section 31, containing 619.65 acres, surveyed as a private claim. The other sections declared reserved contain a total area of 9,199.43 acres.

Fort Wilkins, declared by Executive order dated August 19, 1853,—lots 2 and 3 of section 33 and lot 5 of section 34, township 59 north, range 38 west. By act of Congress approved March 3, 1863 (12 Statutes, p. 797), right of way was granted over reservation to aid the State of Michigan in building a military road (17 Statutes, p. 56). Area of reserve about 148.35 acres. The Secretary of War reports “post abandoned in 1870.” Recommendation made to Congress by War Department that reservation be relinquished. Lands claimed by John Beedon under pre-emption laws.

*Minnesota.*—Fort Snelling, at the junction of the Mississippi and Minnesota rivers. Reservation made by request of Secretary of War, dated July 13, 1839. It was modified by Executive orders dated May 25 and November 16, 1853. It was reduced by the Secretary of War under authority of act of Congress approved August 26 1852 (10 Statutes, p. 36). It was further reduced by Secretary of War under joint resolution of Congress approved May 7, 1870 (16 Statutes, p. 376). Area of reservation after reduction not stated by War Department.

On Saint Louis River in Minnesota and Wisconsin, there were reserved by Executive order dated March 13, 1854, fractional sections 27, 28, 29, and three-fourths of a mile of the north or left cape of river, township 49 north, range 13 west of the fourth principal meridian. The lands in Wisconsin in sections 27, 28, and 29 have been mostly released from reservation and all have been disposed of. Of the reservation in Minnesota in sections 19 and 20, township 49 north, range 13 west, the only tract now reserved is lot 1 of section 20, containing 7.32 acres. It includes “Minnesota Point.”

*Missouri.*—Grand Tower Rock, in Mississippi River, which if surveyed would be in section 20, township 34 north, range 14 east of the fifth principal meridian, declared by Executive order dated February 24, 1871. Area not given.

Island in Missouri River, in sections 28 and 33, township 50 north, range 33 west of the fifth principal meridian, declared by Executive order dated March 10, 1865. The Secretary of War reports the reservation as not required for military purposes. Area, 54.70 acres.

Fort Leavenworth, on east bank of Missouri River, in townships 52 and 53 north, ranges 35 and 36 west of the fifth principal meridian. Reservation approved by President June 21, 1838. Portion of reservation released by the Secretary of War March 1, 1841. Area of present reserve not known. Present reserve is confined to range 36 west.

*Montana.*—Camp Baker, in township 11 north, range 4 east, declared by Executive order dated May 16, 1871. Area, 2,400 acres.



Fort Benton, adjoining Benton City, declared by Executive order dated December 1, 1869. Area not calculated.

Fort Buford, in Montana and Dakota. (See under Dakota for particulars.)

Fort Ellis, near Bozeman, originally declared by Executive order dated February 15, 1868, enlarged by Executive orders dated March 1, 1870, and November 25, 1873. It is situated in townships 2 and 3 south, ranges 6 and 7 east. Present area, 32,160 acres.

Fort Shaw, in township 20 north, ranges 2 and 3 west, declared by Executive order dated January 11, 1870. Estimated area, 32,000 acres.

Fort Keough, at mouth of Tongue River. By request of Secretary of War, dated January 15, 1877, a temporary reservation of twenty miles square was first made; by Executive order dated March 14, 1878, the permanent reservation was declared. Area of permanent reservation about 57,619 acres.

Fort Assiniboine lies mostly between Milk and Missouri Rivers; declared by Executive order dated March 4, 1880. It is within the Gros Ventre, Piegan, Blood, Blackfeet, and River Crow Indian Reservation. Estimated area of reserve, 1,100 square miles; equal to 794,000 acres.

Fort Missoula, originally consisted of section 31, township 13 north, range 19 west; declared by Executive order dated February 19, 1877. By Executive order dated August 5, 1878, the reservation was enlarged by adding to it the south half of northeast quarter and the southeast quarter of section 25, township 13 north, range 20 west; the south half of northeast quarter, south half of northwest quarter, the southeast quarter of southeast quarter, northeast quarter of southwest quarter, and west half of southwest quarter of section 30, township 13 north, range 19 west. Area of post reserve, 1,200.23 acres. By Executive order dated June 10, 1879, a timber reservation on unsurveyed land was declared for Fort Missoula. Area of timber reserve, 1,577.41 acres. Total area of post and timber reserves, 2,777.64 acres.

*Nebraska.*—Fort Hartsuff, on north fork of Loup River, originally declared by Executive order dated August, 17, 1874. By Executive order dated September 16, 1874, the reservation declared August 17, 1874, was designated as a hay and wood reservation for the fort, and a post reserve was declared of sections 2 and 10 of township 20 north, range 15 west, containing 1,218.22 acres. The hay and wood reservation consists of all of sections 9 and 15, and all those parts of sections 10, 11, and 14 south of the Calamas River, and south of the north fork of Loup River, in township 21 north, range 16 west, containing an area of 2,033.19 acres. Total area of reserve, 3,251.41 acres.

Fort McPherson, originally declared January 22, 1867; four miles square in townships 12 and 13 north, range 28 west; enlarged January 25, 1870, by extending the reservation to the north bank of the Platte River. Further enlarged October 11, 1870, by reserving a military road in sections 21 and 28, township 13 north, range 28 west, 200 feet wide and about seven-eighths of a mile long. October 13, 1873, a tract of 107 acres in reservation was set apart for a national cemetery. By Executive order dated April 19, 1878, the reservation was enlarged by adding to it sections 2, 4, 6, 8, 10, township 11 north, range 28 west, and sections 20, 22, 26, 28, 30, 32, 34 of township 12 north, range 28 west. Total area reserved, about 19,500 acres.

Fort Niobrara, declared by Executive order dated December 10, 1879—sections 26 and 35 of township 34 north, sections 2, 3, 10, and 11 of township 33 north, and all that part of sections 22, 23, 27, 33, and 34 of township 34 north, and of sections 4, 5, 8, and 9 of township 33 north,



lying on the right (south and east) bank of the Niobrara River, all in range 27 west. Area reserved, 6,194.84 acres.

Fort Robinson, on White River at mouth of Spring Creek, declared by Executive order dated November 14, 1876; enlarged by Executive order dated June 28, 1879. By Executive order dated November 4, 1879, a wood and timber reservation was created, four miles square. Area of post reserve, 20 square miles, equal to 12,800 acres. Area of timber reserve, 2,560 acres. Total area, 15,360 acres.

Camp Sheridan, originally declared by Executive order dated November 14, 1876; enlarged by Executive order dated April 28, 1879, and further enlarged December 10, 1879, by the addition of a reservation for wood and timber. It is on unsurveyed land in Northwest Nebraska. Total area as enlarged, 18,225 acres.

Fort Sidney, Sidney Barracks—adjoining the town of Sidney, declared by Executive order dated May 14, 1874, section 32, township 14 north, range 49 west. By Executive order dated May 31, 1880, there was declared a reservation of sections 6 and 18, township 17 north, range 52 west, and sections 12, 14, and 24 of township 17 north, range 53 west, for wood and timber for Fort Sidney. Area of post reserve, 640 acres. Area of wood and timber reserve, 3,195.35 acres. Total area, 3835.35 acres.

*New Mexico.*—Fort Bayard, declared by Executive order dated April 19, 1869. It is situated in township 17 south, ranges 12 and 13 west, and is not connected with the public surveys. Area, 8,840 acres.

Fort Butler, requested to be reserved by the Secretary of War, March 22, 1861; never declared by the President. Area, 76,800 acres. It lies in townships 12 and 13 north, ranges 27, 28, 29 east, and is mostly within the Pablo Montoya land grant and in Baca location No. 2. April 13, 1877, decision by General Land Office in favor of private claim.

Fort Craig, on right bank of the Rio Grande, in townships 7 and 8 south, ranges 2 and 3 west, declared by Executive order of September, 23, 1869. Area, 24,895 acres.

Fort Cummings, in township 21 south, range 8 west, declared by Executive order of April 29, 1870; abandoned by War Department and its relinquishment to the Interior Department recommended by the Secretary of War. Area, 2,560 acres.

Fort Marcy, at Santa Fé, declared August 28, 1868, by President. Area, about 17.77 acres.

Fort McRae, declared by President May 28, 1869, in township 13 south, range 3 west. Area 2,560 acres. This reserve falls within the limits of the Armendaris grants.

On Moro River, in township 18 north, range 20 east, sections 9, 10, 11, 12, 13, 14, 15, 16, declared by the President November 28, 1870. It falls within the limits of the Mora grant. Area, 5,120 acres.

Fort Selden, declared by the President November 28, 1870, situated in township 21 south, ranges 1 east and 1 west. Area, 9,613.74 acres.

Fort Stanton, originally declared by President, May 12, 1859; twelve miles square. Reduced by War Department under authority of act of Congress approved May 21, 1872 (17 Statutes, p. 139). Area, after reduction, 10,240 acres.

Fort Sumner, Post Cemetery, Reservation declared May 22, 1871. The cemetery is situated in the northeast quarter of section 15 and the northwest quarter of section 14, township 2 north, range 26 east. These two subdivisions contain 320 acres.

Fort Thorn never declared by the President. It is situated in townships 18 and 19 south, ranges 3, 4, and 5 west. It was surveyed in 1857 by direc-



tion of the United States Surveyor-General, at the request of General Garland, commander of the military district; recommended by this office to Congress to be restored to the public domain to be disposed of under existing laws (see page 141 of Annual Report for 1878). Area, about 23,040 acres.

Fort Union, declared by the President October 9, 1868. This reserve fell within the limits of the Mora grant. Area, of post and timber reserves, 66,880 acres.

Fort Wingate, declared by the President February 18, 1870; situated at the headwaters of the Rio Puerco. Area, 100 square miles; equal to 64,000 acres.

*Nevada.*—Carlin, in township 33 north, range 52 east of Mount Diablo meridian, originally reserved by Executive order dated November 9, 1874, being parts of sections 22 and 26. By Executive order dated April 7, 1875, the limits were modified so as to omit part of section 26, for which a filing had been made October 5, 1874. The reserve now consists of 520 acres in section 22 and 400 acres in section 26. Total reserve, 920 acres.

Camp Halleck, declared by Executive order dated October 4, 1870; post, hay, and wood reserves; post reserve to include grazing lands, containing 4,583.52 acres in township 34 north, range 59 east, and 71.21 acres in section 6 of township 33 north, range 59 east. Total of post reserve, 4,654.73 acres. Wood reserve, in townships 33 and 34 north, range 59 east, 5,699.28 acres. Hay reserve, in townships 35 and 36 north, range 58 east, containing 546.92 acres. Total reservation, 10,900.93 acres.

Camp McDermitt, near north boundary line of Nevada, originally declared by Executive order dated September 3, 1867. Post reserve, two miles square. Hay reserve, a tract five miles long and two wide, extending along Quinn's River five miles and one mile from it each side. By Executive order dated October 4, 1870, the post reserve was extended further up and down the river so as to contain 3,974.40 acres. Area of hay reserve, 6,400 acres; total area, 10,374.40 acres.

*Oregon.*—Fort Klamath, declared by the President, April 6, 1869, in township 33 south, range 7½ west. Post reserve, in sections 22, 23, 26, and 27, contains about 1,000 acres; hay reserve in sections 3, 4, 9, 10, 15, 16, 21, and 22, 2,135.68 acres. The area of the post and hay reservations is about 3,135.68 acres.

Sand Island, declared by the President August 29, 1863; situated in middle of the entrance to Columbia River, in sections 14, 23, and 24 of township 9 north, range 11 west. Area of reserve, 192.07 acres.

Camp Three Forks, Owyhee, in Oregon and Idaho. For particulars see under Idaho.

Point Adams (Fort Stevens), declared by the President February 26, 1852, in township 8 north, range 10 west. It comprises fractional sections 5 and 6, and northern half of sections 7, 8, and 9; area, 1,250.11 acres. A donation claim covers some four hundred acres of the reservation.

Fort Orford, at Port Orford, in township 33 south, range 15 west, never declared by the President. Area not known. Patents issued for the lands embracing the reservation.

*Utah.*—Fort Cameron, situated partly in township 29 south, range 7 west, declared May 12, 1873; enlarged April 13, 1877, by Executive order. A wood and timber reserve was declared November 10, 1879, adjoining the post reservation on the south and east. Area of post and timber reserves, 23,378 acres.

Camp Douglass, declared by the President September 3, 1867. It is in townships 1 north and 1 south, range 1 east. Area, 2,560 acres. By



act of Congress approved May 16, 1874, a tract of 20 acres of the reserve was granted for a public cemetery for Salt Lake religious bodies.

Camp Floyd, in Cedar Valley, declared by the President July 14, 1859. It comprises the west fractional parts of townships 5, 6, 7, and 8 south, range 1 west; fractional parts of townships 5, 6, 7, 8 south, range 1 west; fractional townships 5, 6, 7, 8 south, range 2 west, and the east fractional parts of townships 5, 6, 7, 8 south, range 3 west. The Secretary of War reports the post abandoned July 27, 1861, and not since re-occupied. It comprises all of Cedar Valley, and is 33 miles in length and 16 miles wide at its greatest width. Area, about 94,550 acres.

Rush Lake Valley, declared by the President February 4, 1855. It is situated in townships 4 and 5 south, range 5 west. The Secretary of War has recommended to Congress that the reservation be relinquished to the Interior Department. Estimated area, 5,131.47 acres.

*Washington.*—Port Angeles and Ediz Hook, in townships 30 and 31 north, ranges 5 and 6 west, originally declared by the President July 19, 1862, for military and other public uses; modified by Executive order dated March 10, 1863. Present area of reservation not known.

Canoe Island, situated off the east coast of Shaw Island, declared by the President July 2, 1875. Area, 43.10 acres.

Fort Cascades, on Columbia River, in township 20 north, range 7 east, declared by the President August 17, 1864. Area, 320.21 acres.

Fort Colville, situated in townships 35 and 36 north, range 39 east. Post and wood reservations declared by the President January 27, 1871. Area of both tracts, 1,070 acres.

Cape Disappointment, including Fort Canby, declared by the President February 26, 1852. This reservation comprises fractional section 9, except lot 4, reserved for light-house purposes, and part of fractional sections 4 and 5, township 9 north, range 11 west. Area, 536.20 acres.

Lopez Island, southwest portion of island, including Bunch Island and Whale Rocks, declared by the President July 2, 1875. By the same order a reservation was ordered of the northwest portion of the island extending from Flat Point to Upright Point. These reservations are in townships 34, 35, and 36 north, range 2 west. Area of reserve at southwest part of island, 599.30 acres; area of reserve at northwest part of island, 634.60 acres; total area, 1,233.90 acres.

Straits Juan de Fuca, at Nee-ah Harbor. By Executive order dated June 9, 1868, there was reserved Wa-addah Island, about 29 acres, a tract on east side of harbor containing about 400 acres, a tract on west side of harbor containing about 400; at the narrows of Puget Sound, a tract at the south end of Vashons Island containing 633.60 acres, and a tract on the north side of Gig Harbor containing 636 acres, all in townships 21 and 22 north, range 2 east. A part of the lands declared reserved were disposed of prior to the date of the order reserving. Total area as declared, 2,098.60 acres.

Point Roberts, declared by the President September 13, 1859, at the suggestion of the Commissioner of the General Land Office. The lands are in sections 1, 2, 3, 4, 9, 10, 11, 12 of township 40 north, range 3 west. Area, 2,434.55 acres.

San Juan Island. By Executive order dated July 2, 1875, there was declared a reservation of 640 acres on southeast point of the island, including Goose Island and Rocky Peninsula, in township 34 north, range 2 west, and a tract of 508.33 acres at the northeast point of the island, including Reid Rock, in township 35 north, range 3 west. Total reservation, 1,148.33 acres.

Shaw Island. By order of July 2, 1875, there was also reserved on



the western end of Shaw Island 515.30 acres, and on the eastern end of the island 594.90 acres. Total reservation on Shaw Island, 1,110.20 acres.

Fort Three Tree Point, in township 9 north, range 7 west, declared by the President July 31, 1865; originally reserved to the extent of 802.60 acres; subsequently reduced by the Secretary of War to 640 acres.

Fort Townsend, in sections 21, 22, 27, 28, 33 of township 30 north, range 1 west, declared by the President January 29, 1859. Area, 621.97 acres.

Fort Vancouver, in township 2 north, range 1 east, set apart by order of the Secretary of War, dated October 29, 1853; declared by the President, January 5, 1878. Area of reservation, 640 acres, less .46 of an acre confirmed to the Roman Catholic mission of Saint James by act of Congress of August 14, 1848, 9 Statutes, page 323.

Fort Walla Walla, declared by President's orders of May 13, 1859. Under various acts of Congress the timber reserve and part of the hay reserve have been granted away, and the remainder of the hay reserve has been relinquished by the Secretary of War, as also has a part of the post reserve containing 20.42 acres, leaving reserved at the post 619.57 acres.

By Executive order, dated September 22, 1866, there were declared reservations for military purposes at twenty-five different points in Washington Territory, as follows, where the title was then in the United States: 1, on north side of New Dungeness Harbor, embracing all the peninsula to its junction with the mainland, containing about 300 acres; 2, on the south side of New Dungeness Harbor, 640 acres; 3, on the west side of entrance to Washington Harbor, 640 acres; 4, on the east side of entrance to Washington Harbor, 640 acres; 5, Challam Point, west side of entrance to Port Discovery, 640 acres; 6, opposite Challam Point, east side of entrance to Port Discovery, 640 acres; 7, Protection Island, opposite the entrance to Port Discovery, containing about 500 acres; 8, opposite Protection Island, adjoining No. 6, 640 acres; 9, Vancouver Point, west shore of Port Discovery, 640 acres; 10, Point Wilson, entrance to Admiralty Inlet, 640 acres; 11, Point Hudson, entrance to Port Townshend (outside of the limits of the town of Port Townshend), 640 acres; 12, Admiralty Head, east side of entrance to Admiralty Inlet, 640 acres; 13, Marrowstone Point, entrance to Port Townshend and Admiralty Inlet, 640 acres; 14, on the north of the entrance to Deception Pass, including the two islands in the pass, 640 acres; 15, on the south side of the entrance to Deception Pass, 640 acres; 16, the two islands to the east of Deception Pass, about 200 acres; 17, Tala Point, west side of entrance to Hood's Canal, 640 acres; 18, Hood's Head, west side of Hood's Canal, 640 acres; 19, Foulweather Point, east side of entrance to Hood's Canal, 640 acres; 20, Double Bluff, opposite Foulweather Point, 640 acres; 21, Point Defiance, narrows of Puget Sound, 640 acres; 22, 23, 24, three tracts on the west side of the narrows of Puget Sound, each 640 acres; and 25, most northerly point of Whidbey's Island, 640 acres. Numbers 7 and 11 were found to have been entirely disposed of prior to the date of the order for reservation; so also were a large number of legal subdivisions falling in others of the twenty-five above-named reservations. Exact area not disposed of, and reserved by the order of September 22, 1866, not ascertained.

*Wisconsin.*—Stone quarry. Reservation made at request of Secretary of War. Fractional sections 25, 26, and 36 of township 28 north, range 25 east. Area, 1,046.10 acres.



*Wyoming.*—Fort Bridger, originally declared by the President May 21, 1858, as Camp Scott. Reduced and relocated by War Department under authority of act of Congress, approved February 24, 1871 (16 Statutes, p. 430), so as to contain an area of 10,240 acres. It is located in townships 15 and 16 north, range 115 west.

Fort Fetterman. Post reserve declared by the President June 28, 1869, on North Platte River, containing 38,400 acres. Hay reservation on Deer Creek declared August 29, 1872. Area estimated at 25,000 acres. Old wood and timber reserve on Big Box Elder Creek declared August 29, 1872. Area estimated at 25,000 acres. New wood reservation declared February 9, 1877. Area, 1,280 acres. Recommendation has been made to Congress by the Secretary of War that the old wood reservation, not being required by the military authorities, be relinquished, and that the post reservation be reduced from 60 to 12½ square miles.

Fort Laramie, originally declared by the President June 28, 1869, enlarged by the President July 7, 1871, by which it was extended into Nebraska, and enlargement confirmed by President's order, dated April 2, 1872. By act of Congress approved August 14, 1876, it was provided that the reservation should be reduced to its original limits of 54 square miles. Area, 34,560 acres. It is situated in townships 25 and 26 north, ranges 64 and 65 west.

Fort D. A. Russell, adjacent to Cheyenne City, in township 14 north, range 67 west, declared by the President June 28, 1869. Area 4,512 acres.

Fort Sanders, originally declared by the President, January 7, 1867, as Fort John Buford, and as six miles square, enlarged by Executive order dated June 28, 1869, so as to contain eighty-one square miles; reduced under act of Congress approved June 9, 1874 (18 Statutes, p. 65). Reduced reserve is in townships 14 and 15 north, ranges 73 and 74 west, and contains an area of 19,342 acres. By Executive order, dated November 4, 1879, sections 20 and 30, township 15 north, range 71 west, were reserved for wood and timber for Forts Sanders and D. A. Russell and for Cheyenne Depot. By Executive order dated February 25, 1880, said wood and timber reservation was enlarged by adding to it sections 28 and 32 of same township. Area of wood and timber reservation, 2,540.64 acres.

Fort Fred Steele, declared by Executive order dated June 28, 1869. It is situated in townships 20 and 21 north, ranges 84 and 85 west, and contains an area of 23,040 acres.

Sulphur Creek (coal lands for military purposes), declared by the President April 6, 1859, situated in section 35, township 14 north, range 119 west. Area, 100 acres.

Fort McKinney, on Clear Fork of Powder River, originally declared by Executive order dated July 2, 1879, containing 16 square miles, enlarged by Executive order dated February 2, 1880, by the addition on the west of the post reserve of a tract 6 by 4 miles for wood and timber. Area of Fort McKinney, 25,600 acres.

Depot McKinney, declared by the President July 2, 1879; situated on the Powder River. Area, 640 acres.

Areas of military reservations as far as known or estimated are as follows: Number of acres—Alabama and Mississippi, 6,061.64; Arizona, 197,052.67; Arkansas, 275.77; California, 21,461.69; Colorado, 79,976; Dakota (including part of Fort Buford, in Montana), 985,339.08; Florida, 13,045.13; Idaho, 9,178.05; Illinois, Fort Armstrong, area not known; Kansas, 92,910.22; Louisiana, 1,341.26; Michigan, 9,347.78; Minnesota,



besides Fort Snelling, 7.32; Missouri, 54.70; Montana, 830,956.64; Nebraska, 66,366.60; New Mexico, exclusive of Fort Butler, 218,086.51; Nevada, 22,195.33; Oregon, 4,577.86; Utah, 125,599.47; Washington, 25,446; Wisconsin, 1,046.10; Wyoming, 210,254.64; total area, 2,920,580.68 acres.

The surveying division "E" reports, with regard to the character and extent of the work done during the fiscal year, as follows, viz:

Number of letters received during the year ending June 30, 1880 .....	3,349
Number of letters written .....	2,579
Number of folio pages of record occupied .....	2,155
Number of reports on adjusted accounts .....	926
Number of folio pages of record occupied .....	926
Amounts of adjusted and reported accounts .....	\$796,084 79

Work performed in the draughting division during the past fiscal year.—1st. Work on the annual map of the United States. 2d. Railroad maps constructed, with lateral limits indicated thereon of land granted to the different railroad companies, copies of same for land-offices; also tracings of railroad maps—171. 3d. Examination and protraction of right of way railroad maps with reference to their location over lines of public surveys—97. 4th. Volumes of field notes arranged according to States and Territories, and particular bases, principal meridians, townships, and ranges indexed for easy reference—205. 5th. Exemplifications of plats, copies of town sites, tracings of private land patents, and copies of same in record books; also other records prepared for applicants under act of Congress approved July 2, 1864 (see 461 Revised Statutes)—1402. 6th. Protractions of surveys have also been made, areas calculated and diagrams made of same; also tracings of plats for local offices, and of old, worn out plats have been examined. The report states as unfinished work: 1st. Arranging and indexing field notes and plats; 2d. Twenty field-note diagrams, forming the index volume; 3d. Twelve railroad volumes.

#### DISPOSALS OF PUBLIC LANDS.

The disposals of public lands reported during the fiscal year ending June 30, 1880, amount to 14,792,371.65 acres. This includes 850,740.63 acres of cash sales, in which area is also computed 155,639.35 acres of desert land entries under the act of March 3, 1877. Under the term cash sales are comprehended sales at ordinary private entry pursuant to section 2354; pre-emption cash sales, under section 2259 and commutations of homestead to cash entries, under section 2301 of the Revised Statutes of the United States, townsite sales, and other disposals for cash under special acts of Congress for the sale of abandoned military reservations, Indian reservations, &c.

#### *Pre-emptions.*

Under this head the work of this office embraces the administration of the laws granting to actual settlers, upon certain conditions, the preference right to purchase the tracts covered by their settlements, pursuant to sections 2257 to 2288, Revised Statutes; the disposal of public lands under the town-site laws (sections 2380 to 2394, Revised Statutes, and the act of March 3, 1874), and in pursuance of other enactments of a local or temporary character embodying the pre-emption principle. The following is a statement from the pre-emption division,



G, of work performed during the year ending June 30, 1880, in the execution of the laws above referred to:

Contested cases in the division undecided July 1, 1879 .....	1, 145
Received during year ending June 30, 1880 .....	1, 615
Total .....	2, 760
Decided during year .....	1, 721
Finally referred .....	61
	<hr/> 1, 782

Total in division undecided June 30, 1880 ..... 978

During the year there have been finally closed on the dockets, either by failure to appeal or by decision of the appellate authority, 1,345 contests.

<i>Ex-parte</i> entries in division July 1, 1879 .....	3, 437
<i>Ex-parte</i> entries received during the year .....	5, 745
Total .....	9, 182

Approved during the year .....	4, 591
Referred to other divisions .....	292

Total disposed of ..... 4, 883

Total in the division June 30, 1880:

Suspended .....	594
Not acted upon .....	3, 705

Total ..... 4, 299

During the year ending June 30, 1880, there were received 6,147 letters; of these 92 remain unanswered.

Number of letters written by the division .....	7, 327
Number of pages recorded by the division .....	6, 142
Number of pages copied by the division .....	4, 521

This statement shows a marked increase over the amount of the work performed during the year ending June 30, 1879, the number of cases disposed of both *ex-parte* and contested being larger, and of the contested cases only 978 remaining undecided, as against 1,145 undecided at the end of the preceding year.

In the matter of *ex-parte* entries, while the number of cases disposed of has been greater than the preceding year the number undisposed of is also greater, a fact due to the large increase in the number of entries received.

A large increase in the number of letters written and pages recorded and copied is also shown.

In pursuance of the provisions of the act approved March 3, 1877, "respecting the limits of reservations for town sites upon the public domain," lands within the incorporated limits of the following cities and towns in Utah in excess of the quantity to which they were entitled under said act, have been, during the past year, restored to homestead and pre-emption entry, viz: Richmond City, Springtown, Fairview, Moroni City, Ogden, Spanish Fork City, Provo City, Lehi, and Alpine City. And under instructions issued to the local officers at Salt Lake City, January 30, 1880, proceedings have been instituted, under the third section of said act, to secure the restoration of all lands within the limits of all incorporated towns in the Territory of Utah, where such restoration has not already been accomplished, to which said towns are not entitled by reason of population or municipal occupation.



Referring to the recommendation heretofore made by this office that the homestead and pre-emption laws be consolidated, it may be pertinent to remark that by the third section of the act "for the relief of settlers on the public lands," approved May 14, 1880, any settler upon any of the public lands of the United States, whether surveyed or unsurveyed, intending to claim the same under the homestead law, is allowed the same time to file his homestead application and perfect his original entry, as is allowed pre-emption settlers to put their claims on record, and it is provided that his right shall relate back to the date of settlement. This enactment destroys one of the material points of difference between the two laws, and by permitting the homestead settler to date the initiation of his right from actual settlement by complying with the condition of perfecting his original entry within the same period allowed to the pre-emptor to file notice of his claim, instead of from the *date* of entry as heretofore, places the settlers under the two laws upon an equal footing as regards the initiation and protection of their claims from date of actual settlement, thereby presenting an additional and forcible reason in favor of the consolidation of the homestead and pre-emption laws, with a view to the disposal of the public lands to actual settlers in accordance with one general system or policy, which will avoid the many complications which now arise.

The following is a copy of the act approved June 9, 1880, and the instructions issued thereunder to the local land officers:

AN ACT to amend sections twenty-two hundred and sixty-two and twenty-three hundred and one of the Revised Statutes of the United States, in relation to the settler's affidavit in pre-emption and commuted homestead entries.

*Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled,* That the affidavit required to be made by sections twenty-two hundred and sixty-two and twenty-three hundred and one of the Revised Statutes of the United States, may be made before the clerk of the county court or of any court of record, of the county or State or district and Territory in which the lands are situated; and if said lands are situated in any unorganized county, such affidavit may be made in a similar manner in any adjacent county in said State or Territory, and the affidavit so made and duly subscribed shall have the same force and effect as if made before the register or receiver of the proper land district; and the same shall be transmitted by such clerk of the court to the register and receiver with the fee and charges allowed by law.

Approved, June 9, 1880.

JULY 16, 1880.

GENTLEMEN: I transmit herewith copy of an act entitled "An act to amend sections twenty-two hundred and sixty-two and twenty-three hundred and one of the Revised Statutes of the United States, in relation to the settler's affidavit in pre-emption and commuted homestead entries.

The above-named sections required these affidavits to be made before registers and receivers, and this act provides that they may be made before the clerk of the county court, or of any court of record of the county and State or district and Territory in which the lands are situated, and if said lands are situated in any unorganized county, such affidavit may be made in similar manner in any adjacent organized county in said State or Territory.

The affidavit required by section twenty-two hundred and sixty-two is the regular pre-emption affidavit, designated as No. 20, p. 71, General Circular of September 1, 1879, and the affidavit required by section twenty-three hundred and one is in case of commutations from a homestead, as provided in that section, requiring proof to be made in same manner as under the law granting pre-emption rights. The form for the latter affidavit is found in the above named Circular, on page 80, and is designated as No. 35.

I have to advise you in this connection that the accompanying act is to be considered as retroactive in all cases pending, and in which your action has been withheld by reason of the affidavits having been made before such officers as are designated in the act before the date of its approval.

Very respectfully,

J. A. WILLIAMSON,  
Commissioner.

REGISTER and RECEIVER.



This act in permitting claimants to make the affidavit required by sections 2262 and 2301 Revised Statutes before the clerk of the county court or of any court of record of the county and State or district and Territory in which the lands they respectively desire to enter are situated, affords a much needed relief from the burden imposed by the former requirement that said affidavit should be made before one of the land officers for the district in which the lands are situated.

The following decisions rendered since date of last report are given as affecting materially pre-emption rights :

#### SETTLERS ON SCHOOL SECTIONS.

A settler before survey claiming, under the provisions of the pre-emption law, a portion of sections 16 and 36, granted to the State for school purposes, is required to file his declaratory statement within the legal period, otherwise the right of the State will immediately vest as of the date of survey in the field.

DEPARTMENT OF THE INTERIOR,  
GENERAL LAND OFFICE,  
*Washington, December 27, 1879.*

GENTLEMEN: I have considered the matter of the claim of Charles W. Lowe to the southeast quarter of section 16, township 10 south, range 77 west, who filed declaratory statement No. 58 May 24, 1877, alleging settlement June 1, 1866, and transmuted the same May 6, 1878, to homestead entry No. 118.

The subdivision lines of said township were surveyed between October 26 and November 2, 1868, and plat filed in the local office January 22, 1869.

By section 14 of the act of February 28, 1861 (12 Statutes, p. 176), "to provide a temporary government for the Territory of Colorado," sections 16 and 36 in each township were reserved for the purposes of public schools in the States thereafter to be erected out of the same.

By act of June 2, 1862 (12 Statutes, p. 413), providing for the establishment of a land office in said Territory, the provisions of the pre-emption act of September 4, 1841, were extended thereto with the proviso "that when unsurveyed lands are claimed by pre-emption, notice of the specific tracts claimed shall be filed within six months after the survey has been made in the field; and on failure to file such notice, or to pay for the tract claimed within twelve months from the filing of such notice, the parties claiming such lands shall forfeit all rights thereto, provided said notices may be filed with the surveyor general and to be noted by him on the township plats."

Under this provision of law, which was not repealed until the passage of the act of July 14, 1870 (16 Statutes, p. 279), Lowe should have filed his declaratory statement on or prior to May 2, 1869; but it does not appear from the plat of said township on file in this office, nor is it shown that he did so file his notice with the surveyor general, nor did he file it in the local office, although the plat was filed there in January, 1869, over five months prior to the expiration of the time allowed him within which to file.

In the case of *Mette v. State of California*, decided October 18, 1878, and affirmed by the honorable Secretary of the Interior May 27, 1879 (Copp's Land Office for February, 1879, p. 164), this office, construing the 6th section of the act of March 3, 1853, granting pre-emption rights in California, which provided that "when unsurveyed lands are claimed by pre-emption, the usual notice of said claim shall be filed within three months after the return of the plat of survey to the land office, and proof and payment shall be made prior to the day appointed \* \* \* for the commencement of the sale including such lands," held that there was an abandonment by the settler where there was a failure to assert his claim by filing the usual notice thereof, or by failure to make payment as provided in said section, as one of the conditions upon which the right of pre-emption was granted; and in the case of *Water and Mining Company v. Bugby* (6 Otto, 165), the Supreme Court of the United States held that where the settler on a school section, being under no obligation to assert his claim, abandoned it, the right of the State became absolute as of the date the surveys were completed.

These decisions apply as well to Colorado as to the State of California; the same grant of sections 16 and 36 for school purposes was made to her as to the latter State, subject to be defeated as to portions of the particular sections granted by the claims of settlers before survey, which were duly prosecuted to completion in conformity with law.

Viewed in the light of those decisions, it is evident that whatever rights Lowe acquired by his settlement in 1866, were lost by his failure to give the notice re-



quired by law, and thereafter to make proof and payment within the periods limited, and upon this failure to comply with law or abandonment of his claim, the right of the State to the land settled upon immediately vested as of the date the survey was completed.

Under these circumstances Lowe's said homestead entry No. 118 was unauthorized and illegal, and has, therefore, been held for cancellation.

You will notify him of this decision, and that he will be allowed seventy days from its date for appeal.

Very respectfully,

J. M. ARMSTRONG,  
*Acting Commissioner.*

REGISTER and RECEIVER, *Leadville, Colo.*

Affirmed by Secretary of the Interior June 22, 1880.

### DENNIS CROWLEY *vs.* THE STATE OF OREGON.

The act making the grant contains the following proviso: "*Provided*, That the grant hereby made shall not include any lands which the Government of the United States may have reserved, sold, or disposed of (in pursuance of any law heretofore enacted), prior to the confirmation of title to be made under the authority of the said act."

In extending the provisions of the swamp grant of 1850 to the States of Minnesota and Oregon, Congress made a grant *in presenti*. Land thus granted is reserved from disposal under the pre-emption laws of the United States.

The proviso to the granting act does not authorize a sale of a tract of land by the Government in the face of an asserted and undetermined claim of the State of Oregon, or with knowledge on the part of the Land Department that the land is swamp and overflowed, within the meaning of the act.

DEPARTMENT OF THE INTERIOR,  
*Washington, April 15, 1880.*

SIR: I have considered the case of Dennis Crowley *vs.* The State of Oregon, involving the title to the southwest quarter of northeast quarter, the southeast quarter of northwest quarter, and lots 6, 8, 9, and 10 of section 19, township 39 south, range 9 east, and lot 4 of section 24, township 39 south, range 8 east, Lakeview land district, Oregon, on appeal by the State from your decision of January 28, 1879.

The State claims the land under the act of March 12, 1860 (12 Statutes, p. 3). It is clearly swamp and overflowed within the meaning of said act, and is virtually admitted to be such by Crowley.

These tracts were returned by the surveyor general in 1858 as a part of Little Klamath Lake; but on a resurvey, made in 1872, plats of which were approved and filed in April, 1873, they were returned as public land.

Traacts of the same general character in townships 39 and 40 south, range 8 east, and which were returned in the same manner by said surveys, have been patented to the State as swamp. (List 1, Linkville, approved January 7, 1876.)

In September, 1872, the governor of Oregon filed notice of the State's claim, and a list of swamp land selections embracing said tracts in the office of the surveyor general, and on December 1, 1872, he filed a similar notice and list in the proper local land office.

From a stipulation filed since the rendition of your decision, it appears that the governor afterwards filed duplicates of said notices and lists in the local office on June 14, 1873, and November 25, 1875. Evidence in support of the claim of the State was filed in due time in the office of the surveyor general, but it has not yet been acted upon by your office.

Crowley claims under the pre-emption law. He has the legal qualifications of a pre-emptor. He settled September 1, 1873, with full knowledge of the claim of the State and of the character of the land. He filed his declaratory statement in time. On the 13th of March, 1876, he applied to make proof, and to enter the land, and asked that the State should be notified and a day set for hearing. He also set forth in his application the following: "You will also take notice that I hereby waive all question as to the swampy character of said land, and base my claim to said land upon my residence, cultivation, and improvement in good faith as required by law."

By consent, the case was set for hearing on March 20, 1876, and formal notice issued accordingly.

It is unnecessary to recite the proceedings had at the trial. It is sufficient to say that Crowley virtually admitted the land to be swamp and overflowed, but insisted, nevertheless, that it was subject to disposal under the pre-emption law, and that he had a legal right to enter it, and he thereupon submitted his proof and tendered payment. His proof shows that he has done all that the pre-emption law requires to entitle a settler to an entry and patent for land subject to pre-emption disposal.

From the foregoing it is apparent that the case should be treated as if the swampy character of the land had been fully and affirmatively proven at the trial; and it follows that the State is not in default in completing the selection, under her present



arrangement with your office, within the time limited in the second section of the act of 1860, so far as anything she could do is concerned, the period limited having expired October 29, 1876.

The question for determination upon the facts is, whether or not the land was subject to disposal under the pre-emption law.

You held, in effect, that Crowley's compliance in *good faith* with all the requirements of the pre-emption law, including tender of payment, constituted a sale or disposal of the land within the meaning of the proviso to the act of 1860, and thereupon awarded the land to him, citing as precedents therefor the decisions of my predecessors in the cases of the State of Oregon *vs.* Stott and Waggoner (Copp's L. L., 475), and State of Oregon *vs.* Pre-emptor (Copp's L. O. for November, 1876, p. 119).

Your decision, in effect, is that lands in Oregon actually claimed by the State as swamp and overflowed, and proven to be or identified as such, are, nevertheless, subject to settlement and disposal under the pre-emption law at any time prior to the issuing of patent under the act of 1860.

While this doctrine is supported by some of the language of those decisions, especially that quoted by you, and while it may be true that my predecessors intended to hold that lands in Oregon, shown to be swamp and overflowed, might be disposed of under the pre-emption law to persons making *valid settlements* thereon, and who could affirmatively prove that every step in compliance with the law had been taken "in perfect good faith," it is equally true that viewing these decisions in the light of the facts of the cases, and the matter actually decided, a doctrine or rule is clearly deducible that seems to me to preclude the possibility of *valid pre-emption settlements* upon such lands, or *good faith* in the performance of the requirements of the pre-emption law in regard to the same.

The case of the State *vs.* Stott and Waggoner was similar to the one under consideration. The land was first returned as a part of a lake; but in 1868, it appearing that it was uncovered for nearly half of each year, and yielding valuable pasturage, the lines of the public surveys were extended over it, and the plat was amended accordingly. The pre-emptioners offered their declaratory statements August 28, alleging settlements August 26 and 27, 1871, respectively. The State asserted her claim by filing a list of selections September 19, 1871, and in this respect the case was more favorable to the pre-emption rights than the present one, Crowley having settled subsequently to the filing of the list by the governor. The claimants appeared at the local office, made proof of compliance with the law, and tendered payment. Your office, finding that the State had asserted a claim prior to proof and tender of payment by the claimants, ordered a hearing. The local officers awarded the land to the State. You reversed their decision and awarded the tracts to Stott and Waggoner, holding that the land was not of the character granted.

On appeal, my predecessor reversed your decision and awarded the land to the State, on the ground that the claimants had not acted in good faith, and held that the evidence was such as "almost to preclude the possibility of the defendants being claimants in good faith;" and this conclusion seems to have been reached mainly from the fact that "with full knowledge of the claim of the State, and the fact that for more than one-half of every year the land was covered by water \* \* \* they moved upon the tracts and erected small houses or cabins." Other circumstances leading to the conclusion that the parties were not claiming in good faith arose, it would seem, out of the character of the land itself. It was too wet to cultivate, and on account of its being wet the cabins were erected on posts.

Crowley was a little more fortunate than Stott and Waggoner in this, that he found a spot of about four acres which, unlike the balance of his claim, was not submerged during the season of high water, and which he could cultivate, and upon which he could erect buildings. But this fact by no means changes the principle which, if followed, would defeat Crowley's claim as it did Stott's and Waggoner's.

In your decision of the other case cited, in which entries had actually been made by pre-emptors, you stated: "This office holds that a *valid settlement* under the pre-emption law, followed by cultivation, final proof and payment, or tender of purchase-money prior to issue of patent to the State, is such a disposition of the land as to bring it within the exception of the act of March 12, 1860, no matter whether the land is really swamp or not."

Upon appeal, my predecessor dissented from this doctrine, and his decision was to the effect that a valid settlement could not be made upon swamp land in Oregon where the State had given notice of her claim; and it follows indubitably that unless there is a valid settlement there can be no disposal under the pre-emption law. He held: "To settle upon lands of a *swampy character* would of itself, I think, raise a sufficient doubt of good faith on the part of such settler, as upon application to justify an order for an investigation; and if, in addition to the character of the land, notice had been received at the local office that the State claimed said land as swamp, it would be an additional evidence of the want of good faith."

Why would good faith be wanting in a settler under such circumstances? Surely



not from the fact alone that the land was swamp. In States to which the swamp land grant has not been extended, the fact that land is wet or swampy raises no presumption of bad faith in one who settles upon it, nor is swamp land in terms excluded from disposition by the pre-emption law. What, then, was meant in the decision, that a settlement upon swamp land in Oregon, with notice of the claim of the State, would be in bad faith, or wanting in good faith? Evidently nothing more than that under such a state of facts it must have been known that the land belonged to the State and not to the United States, and that a valid settlement under the pre-emption law cannot be made upon land which does not belong to the United States, or which is legally reserved for any purposes; for in that decision, as well as in the case of the State *v.* Stott and Waggoner, it was held that the grant of 1860 was one *in presenti*.

A settlement in bad faith or wanting in good faith is an invalid settlement. A settlement upon land not belonging to the United States is an invalid settlement, and when the settler knows that the land is legally reserved, appropriated, or that it does not belong to the United States, his settlement thereon may properly enough be said to be in bad faith, or wanting in good faith, and in this sense I think the expression was used. Other language in the decision would seem to leave no doubt of this, for it was said that "the act of 1860 was notice to all that the government had \* \* \* granted to the State of Oregon, with certain restrictions, all the swamp and overflowed lands \* \* \* which remained unsold at the passage of the act;" and, again, that "under the pre-emption act, lands reserved by law, or otherwise, for specific purposes, are not subject to entry." How can a *valid* pre-emption settlement be made upon land identified as coming within the operative terms of a present grant to the State? Whatever may be the opinion as to the effect of the decision cited by you, I am firmly convinced that it is error to so construe the act as to permit pre-emption entries of swamp and overflowed lands in Oregon, in the face of an asserted claim of the State, or with official knowledge, on the part of the government, of the fact that the land is swamp and overflowed; and there are many reasons why such a construction ought not to prevail.

While the selections of 1878 may have been irregular, having been made prior to the confirmation of the latter surveys of said townships, they nevertheless constituted notice of the State's claim; and as the State made no default in renewing the claim after notice of the confirmation and filing of the plats, and in presenting proof in support thereof, no other disposition of the land was permissible until after a final determination that the land was not of the character contemplated by the grant. From the very nature of the case, a decision that the land was swamp and overflowed at the date of the grant, within the meaning of the act, necessarily defeats Crowley's claim.

In *Shepley vs. Cowan* (1 Otto, 336) the court said, "Whenever in the disposition of the public lands any action is required to be taken by an officer of the Land Department, all proceedings tending to defeat such action are impliedly inhibited. \* \* \* A sale is as much prohibited by a law of Congress, when to allow it would defeat the object of that law, as though the inhibition were in direct terms declared."

The filing of notice of claim and lists of selections, and proofs in support thereof, clearly required action by the Land Department. The State thus submitted her claim for confirmation under the act, which confirmation has been held to be the issuing of patent; but a decision by this department that the land was swamp and overflowed at the date of the grant is to all intents and purposes such a confirmation; for such a decision would entitle the State to a patent, and the right to a patent once vested is, in our system of disposal of the public domain, so far as the government is concerned, equivalent to a patent issued (*Carroll vs. Safford*, 3 How., 441 and 461; *Witherspoon vs. Duncan*, 4 Wall., 210 and 212; *Stark vs. Stone*, 6 Wall., 418; *Barney vs. Dolph*, 7 Otto, 652 and 656.)

And in any case in which the claim is initiated by some act of the claimant, the patent, when issued, relates back to the date of the initiatory act, and cuts off all intervening claims (*Shepley vs. Cowan*, 1 Otto, 337).

In *French vs. Fyan* (3 Otto, 170), involving title to land under the act of 1850 (9 Statutes, p. 579), the court said: "The patent, therefore, which is the evidence that the lands contained in it had been identified as swamp lands under the act, relates back and gives certainty to the title as of the date of the grant."

To decide, therefore, that a specified tract is swamp and overflowed is to identify it as falling within the grant itself; and the patent, when issued, evidences the fact. It, therefore, makes no difference in this case whether patents under the act of 1860 to Oregon be considered as relating back to the date of the grant, or to the date of the initiatory act of the State in asserting her claim. In either case a patent to the State would cut off the intervening claim of Crowley; and to decide that the land is of the character granted entitles the State to a patent, and, under the act of 1860, makes it the duty of the Secretary of the Interior to certify the land as swamp. It is, therefore, clear, that pending the consideration of the State's claim, after she has submitted it for such confirmation, no other disposition of the land can be made.

A construction of the act of 1860 that would admit of a disposition of land in Ore-



gon to pre-emption claimants pending an asserted and undetermined claim of the State, or with official knowledge on the part of the government that the land was actually swamp and overflowed at the date of the grant, would be repugnant to every canon and principle of construction in such cases known to the law, as well as against the ordinary method of proceedings of your office. Such a construction would involve a possible defeat of the grant, and should be avoided.

Again, the swamp land grant of 1850 has been uniformly held to be a grant *in presenti*, vesting an immediate interest in the State. (Decisions of this Department, 1st Lester, Nos. 578 and 595, April 25, 1862, June 27, 1862; 2d Lester, No. 289 B., November 11, 1873; Decisions of the Supreme Court, *Railroad Company vs. Fremont County*, 9 Wall. 89; *Railroad Company vs. Smith*, Id. 95; *French vs. Fyan*, 3 Otto, 169.)

The provisions of the act making such grant were extended to Minnesota and Oregon by the act of 1860, the grant being limited only by the proviso; and the statute must be construed as if all the provisions of the act of 1850 had been actually incorporated into it. The grant thus made to Minnesota and Oregon has been held to be a present one. (Decisions of this Department, *State vs. Stott et al.*, and *State vs. Pre-emptors*, *supra*, December 4, 1877; *Copp's Land Owner* for January, 1878, 149; and *Gaston vs. Stott*, 5 Oregon, 59.)

The grant of 1850 had been treated as a present one, and generally understood to be such, long prior to 1860. In extending that grant to Minnesota and Oregon, Congress knew perfectly well that it was thus making a grant *in presenti*. It would, therefore, be absurd to suppose that, after making such a grant, a proviso intended to defeat it was added. It follows that, where the government has finally determined, either by evidence submitted by the State or furnished by its own surveys, that lands in Oregon are of the character granted by the act of 1860, they are thus identified as falling within the operative terms of the grant itself, and they cannot be brought within the exception, nor can the State's title be divested by any other attempted disposal.

Again, lands thus identified do not belong to the United States, and, consequently, are not public lands. Under the act of 1841, pre-emption settlement is admissible only upon public lands, and by section 2257, United States Revised Statutes, only lands belonging to the United States are subject to the right of pre-emption. Moreover, under the act of 1841 and section 2258, United States Revised Statutes, lands lawfully reserved for any purpose are expressly excluded from pre-emption disposal, and in the cases of *Railroad Company vs. Fremont County* and *Railroad Company vs. Smith* it was held that the act of 1850 created a reservation of swamp land, and it has been frequently decided that a patent issued for land previously granted or reserved is void. A pre-emption claim cannot, therefore, be recognized to land known to be granted or reserved, where the claim was initiated subsequent to the grant or reservation, and it seems clear that lands identified as falling within the operative terms of a present grant cannot be otherwise disposed of by the United States.

It is unnecessary in this case to further consider the scope, force, or intent of the proviso to the act of 1860, whether it was intended to protect only valid claims initiated prior to the passage of the act or to prevent the disturbing of entries which in the course of adjusting the grant may be found to have been allowed in good faith in the absence of any claim of the State, and without proof or knowledge by the government that the lands covered thereby were swamp. That it was not intended to continue the disposal, under general laws, of land found to be swamp or to dispose of lands in the face of an asserted and undetermined claim of the State, is obvious. To this extent only is it here intended to construe the proviso.

Your decision is reversed, and the papers submitted with your letter of October 3, 1879, are herewith returned.

Very respectfully,

C. SCHURZ,  
Secretary.

To the COMMISSIONER OF THE GENERAL LAND OFFICE.

### O'LEARY VS. ZOLLARS.

*Occupation.*—Occupants of the government land without any claim of right, and without an intent of acquiring title thereto under the laws providing for the disposal of the public lands, are mere trespassers thereon, and acquire no rights which they can transfer to another.

*Prior possession.*—In the case stated the prior possession of a person without "claim of right" of a greater portion of a legal subdivision, no bar to the claim of another to such subdivision. A joint entry allowed the conflicting claimants.

DEPARTMENT OF THE INTERIOR,  
Washington, May 8, 1880.

SIR: I have considered the case of *John O'Leary v. Frederick Zollars*, involving the west half northwest quarter, section 10, township 9 north, range 13 east, Mount Diablo meridian, Sacramento, Cal., on appeal from your decision of October 20, 1879.

The record shows that the township plat was filed in the local office April 29, 1874.



O'Leary filed declaratory statement June 10, 1876, alleging settlement the 1st of the same month, claiming the northwest quarter of said section. He subsequently relinquished the east half of said northwest quarter, and his filing as to that tract was canceled November 29, 1876.

Zollars filed declaratory statement July 8, 1876, alleging settlement November 30, 1860, claiming the west half northwest quarter, and the north half southwest quarter of said section. O'Leary settled on the tract in 1862, and has continuously lived there from that date. He has a house, shed, fruit trees, and a garden inclosed of about two acres, a portion of which is on the northwest quarter northwest quarter, and a portion upon the southwest quarter northwest quarter, of said section. He has also inclosed with this about two acres of the northeast quarter northeast quarter, section 9 (not in dispute), and has each year cultivated all of said land. His improvements are variously estimated to be worth from \$40 to \$200. His house is nearly on the line dividing the two forty-acre tracts of the eighty-acre tract in dispute, its precise location not appearing.

Zollars has resided upon his pre-emption claim since 1861 continuously. His house is on the northeast quarter southwest quarter of said section. In 1865 he purchased the possessory right to about 200 acres of land with the improvements thereon, including the tract embraced by his pre-emption claim, all of which was under fence. This fence inclosed about 20 acres of the southwest quarter northwest quarter, on which were a portion of O'Leary's improvements. These 20 acres have been in the exclusive and uninterrupted possession of Zollars from that date, and he has used it as a meadow for hay. At the date of this purchase he knew of O'Leary's improvements on a portion of the southwest quarter northwest quarter of said section.

On these facts you awarded to O'Leary the northwest quarter northwest quarter of said section, and held for cancellation his claim to the remaining portion of the tract in dispute, upon the ground that he was endeavoring to acquire title to lands covered by the improvements of another. The testimony in this respect shows that the 200 acres purchased by Zollars had been in possession of various persons since 1852, and been sold from one to another until it came into his possession, during which time said 20 acres had been used for meadow purposes as Zollars used it. It does not appear, however, that either of said prior occupants held the same under any claim of right, or with intent to pre-empt or make homestead entry thereof, when it came into market. They were, therefore, mere trespassers on the government's lands, and acquired no right which they could transfer to Zollars. Nor does it appear that O'Leary ever infringed upon the possession of Zollars to said 20 acres, but confined his occupancy to his own improvements on the same subdivision. Both parties are qualified pre-emptors, and both settled before survey. They have each improvements on the same subdivision, O'Leary about two acres, and Zollars an inclosed meadow of about 20 acres. I think it a proper case for a joint entry of the southwest quarter northwest quarter, and modify your decision accordingly, affirming it in other respects.

The papers transmitted with your letter of February 13, 1880, are herewith returned.

Very respectfully,

C. SCHURZ, *Secretary.*

The COMMISSIONER OF THE GENERAL LAND OFFICE.

FRANKLIN SHISSLER.

*Good faith.*—Evidence of good faith on the part of a pre-emptor who entered timber land, erected a sawmill thereon, and sold lumber therefrom.

DEPARTMENT OF THE INTERIOR,  
Washington, May 17, 1880.

SIR: I have considered the appeal of Franklin Shissler from your decision of December 30, 1879, rejecting his application of July 15, 1879, to make proof and payment for the northeast quarter southeast quarter, section 32, the north half southwest quarter, and the northwest quarter southeast quarter, section 33, township 30 north, range 3 east, Lewiston, Idaho, under his pre-emption filing of June 9, 1875, and alleged settlement of May 10, 1875.

There is no adverse claimant, and the tract is "timbered" land.

The proof shows that Shissler erected a house on the tract in the fall of 1874, into which he then moved with his family, and that he has continuously resided therein from that date.

He has also erected a barn, blacksmith's shop, and sawmill on the tract, and has fenced two acres, of which one and one-half acres are under cultivation, all of said improvements being estimated at over \$5,000 in value. He has also cut the timber from about 25 acres, which he converted into lumber and sold to his neighbors.

On these facts you rejected his application because he had principally used the land



for timber speculation, and had not properly complied with the requirements of the pre-emption law. I think this was erroneous:

His erection of a house and inhabitation thereof for more than four years, his cultivation of about two acres of the tract, with his large expenditures of money in buildings and his offer to purchase the land, sufficiently indicate, I think, his good faith, and manifest no purpose to defraud the government or to acquire its lands in violation of law.

Section 2259 Revised Statutes authorizes a pre-emption by one "who has made, or hereafter makes, a settlement in person on the public lands subject to pre-emption, and who inhabits or improves the same, and who has erected, or shall erect, a dwelling thereon"; and Section 2262 requires that before a person claiming pre-emption rights is allowed to enter lands, he shall make oath that \* \* \* "he has not settled upon and improved *such lands* to sell the *same* on speculation, but in good faith to appropriate it to his own exclusive use." \* \* \*

I find no evidence that Shissler settled upon this land for purposes of speculation therein, or that he has used or in any way appropriated it except for his own use.

That he has converted timber into lumber from a portion of the tract, and sold the same for neighborhood purposes, does not, in my opinion, when considered with the other facts in the case, show his want of good faith as a pre-emptor or his failure to comply with the requirements of the law, but only that in *addition* to his compliance with said requirements he has disposed of the timber by means of a sawmill, which clearly he had the same right to do as by manual labor, provided at the same time he observed the obligations imposed on him by the law.

Your decision is reversed, \* \* \*.

C. SCHURZ,  
Secretary.

The COMMISSIONER OF THE GENERAL LAND OFFICE.

#### ASSIGNEE OF WHITAKER VS. RAILROAD.

1. Parties who purchase of pre-emptors before patent cannot maintain the position of *bona-fide* purchasers, as they purchase only an equity. They take only such title as the vendees of the government had, and purchase subject to the action of the Land Department upon the entries, either in confirming or canceling them.
2. Such purchasers may be heard *ex rel.* to maintain the validity of the entries embracing the lands purchased, but for no other purpose.
3. Patents should not issue to assignees in any cases except where the right of assignees to take patents in their own names is recognized by express statutory provision.

DEPARTMENT OF THE INTERIOR,  
Washington, July 27, 1880.

SIR: I have considered the case of Horace Whitaker, *ex relatione* Nathan H. Garretson *vs.* The Southern Pacific Railroad Company, and Wesley M. Slater, involving the south half of northwest quarter and the west half of northeast quarter of section 11, town 16 south, range 25 east, Mount Diablo meridian, Visalia district, California, on appeal by said company from your decision of February 12, 1880.

On the 5th of March, 1880, you dismissed the appeal filed by the railroad company on the ground that said company was no longer a party in interest, because of its failure to appeal from the opinion of the register and receiver.

Under date of March 13, 1880, D. K. Zumwalt, esq., attorney for the company, addressed a letter to this department, stating why he did not file an appeal from the said opinion. He says, "I understood your instructions and the order of the Commissioner, in regard to the hearing, to be for the purpose of eliciting further information to enable the department to fully decide the case. I considered the opinion of the register and receiver as simply advisory, and not a decision at all. I had conversation with the register at the time, and he then said, as he now says, that he did not consider their opinion in the light of a decision, and did not think it necessary for an appeal to be taken."

The above statement is fully corroborated by the register in his report to you of March 11, 1880.

In view of this explanation, and the fact that the opposing party does not appear to be injuriously affected by the failure to appeal, I think the company has the right to have your decision reviewed.

The portion of said township embracing the land in contest was surveyed in 1869, and plat thereof filed in the local office November 9, 1870.

The land in question is within the limits of the withdrawal of May 21, 1867, for said company.

On the 28th of February, 1872, Whitaker filed a declaratory statement for said tract, alleging settlement thereon April 30, 1865. On the 4th of November, 1872, he submitted his pre-emption proof and tendered payment for the land; but his application to enter was rejected by the local officers upon the ground stated by them, as follows:



"Because the said land is embraced within the reservation for the Southern Pacific Railroad, and the declaratory statement, No. 2250, of said Horace Whitaker was not filed within 90 days after the filing of the township plat of said township in this office."

The action of the local officers was affirmed by your office June 25, 1874, and that decision was affirmed by this department April 20, 1875, but upon motion for a review this department, September 1, 1875, held that Whitaker had shown such compliance with the law as entitled him to be allowed to complete his entry by making payment for the land, and the former decision was revoked, and the decision of your office reversed. The purchase money was paid by Whitaker October 8, 1875, and he obtained the receiver's receipt therefor. The entry, therefore, was allowed upon the proof offered in 1872.

After the payment of the purchase money, the railroad company moved for a new trial on the grounds:

1. Of newly-discovered evidence to show that when Whitaker filed his declaratory statement he was not a qualified pre-emptor, being then the owner of more than three hundred and twenty acres of land in California.

2. Of newly-discovered evidence to show that Whitaker had not complied with the requirements of the pre-emption law as to inhabitancy, &c.

The motion was allowed by this department July 1, 1876, and on the 27th of February, 1877, trial was had at the local office.

It may here be stated that on October 6, 1875, Wesley M. Slater applied to file a declaratory statement for the west half, northeast quarter of said section, alleging settlement March 1, 1868, and the application was denied; that the matter was brought here on appeal; and that the department decided April 10, 1877, that proceedings therein should be held in abeyance until the facts in the contest between Whitaker and the company should be ascertained and adjudicated, stating that, if it should be shown that Whitaker had a valid claim at the time the grant to the company took effect, which was subsequently forfeited, the question would be one between the government and Slater, and should be determined upon its merits; but that if it should be shown that Whitaker's claim was invalid from its inception, the land passed to the company before Slater settled upon it.

At the trial, February 27, 1877, Slater appeared as interpleader. The company was also represented by counsel; but Whitaker declined to assume the cost and trouble of a rehearing, stating in a letter to the register and receiver that he "had long since sold the land," and refused to appear at the trial.

Your office examined the evidence submitted at the hearing, and rendered a decision thereon February 14, 1878; after setting forth the material facts proven at the trial, you held as follows:

"I think the testimony fully shows that prior to the date of the withdrawal of said land for the Southern Pacific Railroad Company, Mr. Whitaker had not initiated a valid pre-emption claim to the same, and that the pre-emption proof and pre-emption affidavit offered by him November 4, 1872, upon which his pre-emption entry was afterwards allowed, were false and fraudulent. His pre-emption cash entry, No. 2652, for said land has been this day held for cancellation as fraudulent, and the land in contest awarded to the Southern Pacific Railroad Company.

The claim of Slater is rejected (according to the instructions of the honorable Secretary of the Interior, of April 10, 1877), as he does not allege settlement until March, 1868, while the right of the said railroad company attached January 3, 1867, there being at that date no valid, existing settler's claim thereto.

You, also, in said decision, stated as follows: "With the papers in the case I find a certified copy of what purports to be a deed, marked Exhibit P, by which it appears that Horace Whitaker, in consideration of \$750, *granted* to one Nathan H. Garretson the land in dispute. This instrument was signed and executed in the presence of W. S. Powell, July 29, 1876, twenty-nine days after the honorable Secretary of the Interior ordered the rehearing, and five days subsequent to the date of letter (G) forwarding a copy of said decision with instructions in the premises.

"Said Powell, as attorney for Garretson, was duly notified of the trial, and that he would be allowed to appear and submit testimony in support of his claim as purchaser. \* \* \* But Garretson failed to appear either in person or by attorney."

Both Slater and Garretson appealed from said decision, and the case was decided by this department February 10, 1879, in the following manner:

First. As to Whitaker's entry your decision was affirmed as follows: "Your decision, holding that the pre-emption entry of Whitaker was fraudulent, is affirmed."

Second. As to Garretson, it was found that he was not properly notified to appear at the trial and submit evidence in support of his claim; and as he had filed an affidavit alleging in effect that he purchased said land in good faith, without knowledge or intention that there was any dispute or trouble concerning the title thereto, you were instructed to order a further hearing in the premises, confining the testimony to the question of the good faith of Garretson in his purchase from Whitaker; and, fur-



ther, you were instructed that if it should be established "that Garretson was a *bona-fide* purchaser the entry of Whitaker must remain."

Third. As to Slater, it was found that he settled prior to the joint resolution of June 28, 1870 (16 Statutes, 382), and held that, under the ruling of the department, in the case of *Tome et al. vs. S. P. R. R. Co.* (Copp's L. O., vol. 5, p. 85), he would have a valid claim as against the company, but not as against Garretson, if the latter should show that he was a *bona-fide* purchaser of said tract from Whitaker.

The further hearing was accordingly had August 11, 1879, at which all parties appeared.

Upon examination of the testimony you decided that Garretson was a *bona-fide* purchaser for a valuable consideration, without notice or knowledge of any fraud or irregularity in the procurement of the entry by Whitaker, and that patent should issue to Garretson for the land included in said entry.

I think the decision is erroneous. The error may, in a measure, be attributed to the instructions of February 10, 1879, regarding Garretson's claim, which, upon further consideration and reflection, I am now convinced should not have been given. The affirmance of your decision of February 14, 1878, holding that the pre-emption entry of Whitaker was fraudulent, was tantamount to a full agreement with the finding of facts upon which your decision was based, and it should have been followed by an order for the cancellation of said entry, and the closing of the case as to Whitaker and Garretson, for the following reasons:

1st. If it be true that one who purchases from a pre-emptor a tract of land before patent issues therefor may, by virtue of section 2262 of the Revised Statutes, appear before your office or this department in the attitude of a *bona-fide* purchaser for a valuable consideration and have his claim adjudicated, the record of the case at the time of the former decision, February 10, 1879, presented sufficient evidence to show that Garretson was not entitled to any relief. It is indifferent whether or not Garretson investigated Whitaker's title, or knew anything about it, a purchaser being liable not only for what he actually discovers, but for all that with due diligence he might have discovered. (*Estrado vs. Murphy*, 19 Cal., 274; *Wilson vs. Castro*, 31 Cal., 423; *Brush vs. Ware*, 15 Pet., 111; *Reeder et al. vs. Barr et al.*, 4 Ohio, 447; *Wash. on Real Property*, 4th ed., 327.)

The third and eighteenth sections of the act of July 27, 1866 (14 Statutes, 292), made a grant to said company of certain described tracts of land on each side of the railroad on the line thereof. The exceptions from the grant were of such described tracts or parts thereof as should be found to have been granted, sold, reserved, occupied by homestead settlers, pre-empted, or otherwise disposed of at the time the line of the road should be designated by a plat thereof, filed in your office. A plat designating the route of the Southern Pacific Railroad was filed in your office early in 1867, and copy thereof was shortly thereafter filed in the local office at Visalia, where it remains for inspection.

Whatever question may have existed as to the effect of that map, it was a notice of a claim by the company to lands under the grant; and certainly its validity from the passage of the joint resolution of June 28, 1870, cannot be questioned by any one. This map or plat shows that the tract in controversy is a part of an odd-numbered section within the limits of the grant, and hence that it would pass to the company under the grant unless it was within one of the exceptions above mentioned. Furthermore the records of the Land Department showed that the company set up a claim specially to said tract as against Whitaker, and that the controversy was undetermined at the time Garretson purchased.

Again, the same records showed that Slater claimed a portion of the tract as against both Whitaker and the company, and that his claim was undetermined, and that no patent had issued to Whitaker.

Garretson was charged with notice of all these facts, and he took subject to the final determination of the matters by the department.

(Decision of the department June 1, 1880, in *Timlins vs. Elliott*; *Arnold vs. Grimes et al.*, 2 Iowa, *Clarke's Rep.*, 19; *Bagnell vs. Broderick*, 13 Pet., 454; *Sampeyveac and Stevens vs. U. S.*, 7 Pet., 239.)

When, therefore, it was decided that Whitaker at no time had a valid claim to the land; that his proof of settlement, erection of a dwelling house, inhabitancy, and improvement, and his own pre-emption affidavit were false and fraudulent, and that his entry was fraudulent, Garretson's claim, so far as the department was concerned, was defeated. And when we examine the evidence adduced at the last hearing, and find that Whitaker was indebted to Garretson; that, being in debt to others and fearing his property would be taken by his creditors, he executed the deed and had it recorded before any sale was made, and without Garretson's knowledge; that Garretson made no investigation whatever except that he examined a map of the withdrawal for said company, and *thought* that the land was outside of the limits of the grant; that he did not visit the land office, and had never seen the land, it becomes doubly apparent that the doctrine of *bona-fide* purchaser does not apply to his case.



Second. But if there were no claimants adverse to Whitaker, still Garretson could not maintain the position of *bona-fide* purchaser, because no one who purchases pre-empted lands before patent issues therefor can maintain or assume that position. A purchaser before patent at best purchases but an equity, for the government retains the legal title until patent issues. (*Wilcox vs. Jackson*, 13 Pet., 516; *Frisbie vs. Whitney*, 9 Wall., 194; *Arnold vs. Grimes*, 2 Iowa, G. Green's Rep., 83; *Carroll vs. Safford*, 3 How., 461-2; Op. of Att'y-Gen. Butler, 3 Opinions, 91-2; *Ib. Legare*, 3, 666; *Root vs. Shields*, 1 Wool., 364; *McGarrahan vs. Mining Co.*, 6 Otto, 319-321; *Moore vs. Robbins*, *Ib.*, 530; *Smith et al. vs. Van Chief et al.*, Copp's L. O., vol. 6, p. 2.)

Statutes should be read according to the well-defined meaning and signification of the words employed, and where words are employed that import a meaning or significance derived from legal usage and judicial decisions and interpretation the presumption is that they are used in the sense and meaning thus imparted to them, unless it clearly appears that they were intended to be used in a different sense. Therefore, in section 2262 of the Revised Statutes, and in the original statute, the words "*bona fide* purchasers for a valuable consideration" must be understood as having been used according to their well-established legal import, there being nothing to show that any other sense was intended. Now, nothing is better settled than that the doctrine of *bona fide* purchaser for a valuable consideration does not apply to the case of a purchaser of an equity. The doctrine is employed for the protection of purchasers of legal or apparently legal titles. "It can only be used as a defense. It is a mere shield and not a weapon of attack," as was said by Attorney-General Butler in 3 Opinions, page 93.

In all cases of purchases of pre-empted lands before the issuance of patents therefor, the rule *caveat emptor* is particularly applicable; and if the entries are fraudulent or void, the purchasers acquire nothing. And it has been held in cases of entries under the early pre-emption laws having like provisions to those of section 13, act of 1841, and section 2262 Revised Statutes, as well as under the latter act, that the doctrine of *bona fide* purchaser is not applicable to one who purchases of a pre-emptor before patent, and that such purchasers must abide by the disposition of the cases by your office or this department; that they take no better title than their vendors have, and that your office and the department have full authority to cancel pre-emption entries for invalidity or fraud. The foregoing conclusions will be found to be fully supported by the following authorities: The numerous decisions cited in U. S. Digest, vol. 14, p. 59, par. 1242, especially *Boone vs. Chiles*, 10 Peters, 179, and *Vattier vs. Hinde*, 7 Peters, 271; *Arnold vs. Grimes and Chapman*, above cited; *Anketel vs. Converse*, 17 O. St., 11; 3 Opinions Attorneys-General, 91 and 664; *Dupont vs. Waterman*, 10 Cal., 354; *Chew vs. Barnett*, 11 Serg. & R. (Pa.), 389; *De Mott vs. Starkey*, 3 Barb. (N. Y.), Ch., 403; *Bernard vs. Ashley*, 18 How., 43; *Smith vs. Shane et al.*, 1 McLean, 27; *Randall vs. Edert*, 7 Minn., 450; *Carroll vs. Safford*, 3 How., 461-2; *Sampeyveac and Stevens vs. U. S.*, 7 Pet., 241; *Polk's Lessee vs. Wendell*, 5 Wheat., 308; *Pinson vs. Ivey*, 1 Yerger (9 Tenn.), 302; *Craig vs. Leiper et al.*, 10 Tenn., 193; *Oakly vs. Ballard et al.*, 1 Hemstead, 476; *Root vs. Shields*, 1 Wool., 363-4-5; *Shepley vs. Cowan*, 1 Otto, 340; *Moore vs. Robbins*, 6 Otto, 530; and *Timlins vs. Elliott*, above cited.

It follows that the benefits of the doctrine of *bona fide* purchaser under section 2262, and the act of 1841, can only be sought and applied in the courts.

In *Myers vs. Croft* (13 Wall., 297), the court says that a pre-emptor is free "to sell his land after entry, if, at that time, he was, in good faith, the owner of the land, and had done nothing inconsistent with the provisions of the law on the subject"; and in *Frisbie vs. Whitney* (9 Wall., 194), that where a pre-emptor has complied with all the legal pre-requisites, and has paid the price of the land, "he is entitled to a certificate of entry, \* \* \* and after a reasonable time to enable the land officers to ascertain if there are superior claims, and if in other respects the claimant has made out his case, he is entitled to receive a patent, which for the first time invests him with a legal title."

The force of these decisions is, that, having fully complied with the law, a pre-emptor, after entry and before patent may sell his land without vitiating his title, and that after patent issues to him the legal title inures to his grantee by virtue of the covenants of warranty in the deed. (*Randall vs. Edert*, supra.) And it would seem to follow that a purchaser after entry ought to be allowed *ex rel.* to come in to sustain the title of the vendee of the government before the Land Department, but for no other purpose, and nothing is clearer than that such purchaser takes no other or better title than the government vendee possessed.

Third. Whitaker was without right or title in the premises. "No title can be held valid which has been acquired against law. \* \* \* Fraud vitiates all transactions." (*Stoddard vs. Chambers*, 2 How., 318.) Whitaker's entry was not only fraudulent because of his being the owner of over a thousand acres of land in California at the date of his filing and entry, but because he had never performed the acts required by law. He never even initiated a valid right to the land. Therefore under no circumstances could Garretson acquire any title by virtue of his purchase.



Fourth. It follows that patent should not issue to Garretson as the assignee of Whitaker. Not only is the issuance of patent to the assignee not justified in this case, but I think it is not a correct practice to issue a pre-emption patent to an assignee in any case. The law as to the issuance of patents is well stated in the case of *McGarrahan vs. New Idria Co.* (49 Cal., 335) thus: "Neither the President, however, nor any officer has other power to \* \* \* sign, or to cause the seal of the Land Office to be affixed to patents, than such as is conferred by statute of the United States." (See also *Stoddard vs. Chambers*, 2 How., 318; *McGarrahan vs. Mining Co.*, supra, sections 450 and 453 of the Revised Statutes; and act of June 19, 1878, 20 Stats., 183.)

I find nothing in the pre-emption law requiring the issuance of patents to assignees of pre-emptors, and the labor of examining into assignments ought not to be assumed by your office, to say nothing of the evils that may result from issuing patents to assignees in pre-emption cases. The same doctrine applies to all cases of the issuance of patents except where the statutes expressly recognize the right of an assignee to take patent in his own name. A party might assign his duplicate receipt to one person and subsequently convey the land by deed to another, and your office, or the department, be called upon to decide to which one of the assignees patent should issue.

Whitaker's case furnishes a striking instance of the impropriety of the practice of issuing patents to the assignees of pre-emptors. The sale to Garretson was in fraud of Whitaker's other creditors. Now, suppose there had been no adverse claim to the land and that Whitaker's entry was valid, the defrauded creditors could set aside the deed and subject the land to their claims or equities; clearly they ought not to be embarrassed in their proceedings by having the title conveyed by the government directly to another person than Whitaker. The better place for passing upon assignments and giving direction to titles in such cases is in court, and the better practice is to issue patents to the purchaser, and let purchasers before patent issues rely upon their covenants for title.

I reverse your decision, and award the south half of northwest quarter of said section to said company. I make no decision relative to the west half of northeast quarter of said section as between Slater and the company, but will allow Slater a reasonable time to take such further proceedings in the premises as he may be advised are proper.

The papers submitted with your letter of April 2, 1880, are herewith returned.

Very respectfully,

A. BELL,  
*Acting Secretary.*

The COMMISSIONER OF THE GENERAL LAND OFFICE.

### *Homesteads.*

During the fiscal year ending June 30, 1880, there were entered under the homesteads laws 6,045,570.60 acres of public land. This was an increase of 785,459.31 acres over the previous fiscal year. The greatest increase is presented in Dakota, in which Territory there were entered 1,326,945.66 acres, against 867,775.65 acres during the previous fiscal year. In Kansas there was a decrease, the figures being 1,061,512.77 acres, against 1,589,233.61 acres during the previous fiscal year.

*Circular instructions.*—The following circulars having a bearing upon rights under the homestead laws have been issued since the date of the last annual report, in view of new legislation therein referred to.

DEPARTMENT OF THE INTERIOR,  
GENERAL LAND OFFICE,  
Washington, D. C., May 25, 1880.

GENTLEMEN: Appended hereto is a copy of the act approved May 14, 1880, which changes existing laws and regulations relative to the entry of certain classes of lands.

The first section provides, "That when a pre-emption, homestead, or timber-culture claimant shall file a written relinquishment of his claim in the local land office the land covered by such claim shall be held as open to settlement and entry, without further action on the part of the Commissioner of the General Land Office."

This will be held to apply only to relinquishments which are filed subsequent to date of said act, viz, May 14, 1880.

You are instructed not to accept or act upon any relinquishment, unless made before you, which has not been duly subscribed by the claimant on the back of his duplicate receipt, and acknowledged, witnessed, and executed in a manner which, under the laws of the State or Territory in which the land is situated, would be suf-



ficient as a valid transfer of real estate. In case of the loss of a duplicate receipt or declaratory statement receipt, an affidavit of such loss must accompany the written relinquishment.

Immediately upon a relinquishment, duly executed as above, being received at your office, you will proceed as follows:

1. The register will note on the relinquishment, over his signature, the day and hour of its receipt by you.
2. Write the words "Canceled by relinquishment" (giving date) opposite the record of the entry in the tract-book, the register of entries, and the register of receipts.
3. Draw a line over the number of the entry on the township plat.
4. On Monday of each week you are directed to transmit to this office all the relinquishments which have been accepted by you during the preceding week.

When the relinquishment shall have been received and noted as above, you will hold the land embraced in the relinquished entry as subject to settlement or entry by the first legal claimant; the intent of said section, as understood by me, being only to prevent the delay resulting heretofore from awaiting action on such relinquishments by this office.

*Section two* is designed to secure to the contestant therein named, for the period of thirty days from notice of the cancellation of a prior entry of the character specified, a preference right to initiate his claim to the same land. It is not intended to grant such contestant the unconditional right of final entry, and I construe the section as precluding settlement or entry by any other party during the period named.

*Section three* places homestead settlers on unsurveyed public lands on the same footing with pre-emption settlers under existing laws. This section protects the claim of an actual settler upon unsurveyed land provided he shall make homestead entry of the land within three months from the filing of the township plat of survey in the district land office, the same as the pre-emptor is now protected by filing his declaratory statement within the same period; and if the homestead settler shall fully comply with the law as to continuous residence and cultivation, his settlement defeats all claims intervening between its date and the date of filing his homestead application. In making final proof, his five years of residence and cultivation will commence from date of actual settlement.

C. W. HOLCOMB,  
*Acting Commissioner.*

TO DISTRICT LAND OFFICERS.

[PUBLIC—No. 58.]

AN ACT for the relief of settlers on public lands.

*Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled,* That when a pre-emption, homestead, or timber-culture claimant shall file a written relinquishment of his claim in the local land office, the land covered by such claim shall be held as open to settlement and entry without further action on the part of the Commissioner of the General Land Office.

SEC. 2. In all cases where any person has contested, paid the land-office fees, and procured the cancellation of any pre-emption, homestead, or timber-culture entry he shall be notified by the register of the land office of the district in which such land is situated of such cancellation, and shall be allowed thirty days from date of such notice to enter said lands: *Provided*, That said register shall be entitled to a fee of one dollar for the giving of such notice, to be paid by the contestant, and not to be reported.

SEC. 3. That any settler who has settled, or who shall hereafter settle, on any of the public lands of the United States, whether surveyed or unsurveyed, with the intention of claiming the same under the homestead laws, shall be allowed the same time to file his homestead application and perfect his original entry in the United States Land Office as is now allowed to settlers under the pre-emption laws to put their claims on record, and his right shall relate back to the date of settlement, the same as if he settled under the pre-emption laws.

Approved May 14, 1880.

DEPARTMENT OF THE INTERIOR,  
GENERAL LAND OFFICE,  
Washington, D. C., June 4, 1880.

GENTLEMEN: I call your attention to the provisions of an act of Congress entitled "An act for the relief of certain homestead and pre-emption settlers in Kansas and Nebraska," approved June 4, 1880, which reads as follows, viz:

*"Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled,* That it shall be lawful for homestead and pre-emption settlers on the public lands or pre-emption settlers upon Indian reservations in the States of



Kansas and Nebraska west of the sixth principal meridian, where there has been a loss or failure of crops from unavoidable cause, in the year of 1879 or 1880, to leave and be absent from said lands until the first day of October, 1881, under such rules and regulations as to proof and notice as the Commissioner of the General Land Office may prescribe; and during said absence no adverse rights shall attach to said lands, such settlers being allowed to resume and perfect their settlement as though no such absence had occurred.

"SEC. 2. That the time for making final proof and payment by such pre-emptors is hereby extended for one year after the expiration of the term of absence provided for in the first section of this act; but in cases where the purchase money is by law payable in installments the first unpaid installment shall be held not to be due until one year after the expiration of the leave of absence aforesaid."

It will be seen that the provisions of this act have reference only to such lands as lie west of the sixth principal meridian in the States of Kansas and Nebraska. Lands in other States or Territories are not referred to; nor are those lands in Kansas and Nebraska which lie east of the sixth principal meridian. The lands to which its provisions apply are included in the land districts of Wichita, Salina, Concordia, Larned, Kirwin, and Wa Keeney, all the districts except Topeka and Independence, in Kansas, and Niobrara, Norfolk, Lincoln, Grand Island, North Platte, Bloomington, and Beatrice, all the districts in Nebraska.

Under the provisions of this act homestead and pre-emption settlers on the public lands and pre-emption settlers upon Indian reservations within the section of country indicated, who have suffered from loss or failure of crops from unavoidable causes in the year 1879 or 1880, may leave and be absent from their lands until the first day of October, 1881, without their right to the same being impaired thereby. The pre-emption settlers entitled to its benefits are allowed also an extension of time for making final proof and payment for one year from the first of October, 1881, and where the purchase money is by law payable in installments, this act provides that the first unpaid installment shall be held not to be due until one year after the expiration of such leave of absence.

This right of absence is not available in any case in which there has not been "a loss or failure of crops from unavoidable cause in the year 1879 or 1880;" hence, when a settler not actually entitled to the benefits of this act absents himself from his claim it will be liable to be regarded as an abandonment, and adverse claims may be recognized.

The settler intending to leave his claim under this act must file with the register and receiver of the proper district land office a written notice of his intention to do so, bearing his signature. Such notice should embrace a statement of the loss or failure of his crops. This is a means of protection to the settler, and is due parties who might otherwise make adverse claims.

At date of final proof by any party who shall have availed himself of this act he must show by satisfactory proof the period of absence and specific facts making appear the loss or failure of crops from unavoidable cause in 1879 or 1880, on account of which he was entitled to its benefits. The proof should consist of the party's own testimony corroborated by that of two or more disinterested witnesses.

After a party shall have filed notice with you of intended absence under this act no contest involving his right to the land can be instituted prior to the expiration of the legal term of absence to which he is entitled. If the party should be fraudulently absent it will be a matter of investigation in the regular manner thereafter. All notices filed you will duly enter on your records.

Very respectfully,

J. A. WILLIAMSON, *Commissioner.*

REGISTERS and RECEIVERS

*Of United States Land Offices in Kansas and Nebraska.*

DEPARTMENT OF THE INTERIOR,  
GENERAL LAND OFFICE,  
*Washington, D. C., July 17, 1880.*

GENTLEMEN: I have to direct your attention to the provisions of an act of Congress approved June 15, 1880, entitled "An act relating to the public lands of the United States," of which a copy is appended.

Section 1 provides that when any lands of the United States shall have been entered and the government price paid therefor, neither criminal nor civil suits or proceedings shall be had or further maintained for or on account of certain trespasses therein specified.

The first proviso to this section restricts its application to trespasses, &c., of date prior to March 1, 1879.

This section extends to such trespassers the privilege of paying for the land upon which the offenses were so committed, at the price per acre for which, under the law in force at date of payment, the lands could be sold. This privilege of purchase is



not confined to lands subject to private entry, but extends to any lands—not mineral—subject to disposition under general existing laws. This section cannot be construed to permit a party who falls within the class of offenders named to enter the land if the valid claim of another person shall have attached prior to his application to purchase and is still subsisting.

Whenever application shall be made to purchase under this section you will require the same to be presented under oath of the applicant, giving a full and detailed statement of all the facts upon which he bases his claim to purchase. Such sworn statement should be corroborated by the affidavits of credible witnesses, and you will thereupon forward all the papers in a special letter to this office, allowing no entry until so directed by me.

Under section 2, duly qualified persons who, prior to June 15, 1880, entered, under any of the homestead laws, lands properly subject to such entry are permitted to obtain title by paying the government price, less the fee and commissions paid at date of original entry.

When homestead entries made prior to June 15, 1880, have been attempted to be transferred by *bona-fide* instrument in writing, the persons to whom such transfers were made are likewise authorized to obtain title by like payments and with like deductions of fees and commissions. In allowing entries of the first-named class you will require proof that the party was twenty-one years of age; had declared his intention to become a citizen of the United States, and was in other respects entitled to make the entry.

In permitting entries by transferees you will require the instrument in writing, by which it was sought to transfer such homestead right, to be filed, together with the best evidence attainable of the *bona-fide* character of the transfer, including the affidavit of the party who seeks to purchase. You will exercise all possible care in this matter, as it is not improbable that fraudulent entries will be attempted, and the proper execution of the law will largely depend upon your vigilance and discretion. In cases wherein you entertain a doubt of the propriety of allowing the application to purchase you should refer all the papers to this office, with a full statement of facts and your opinion.

Under the *proviso* to this section you are specifically instructed to allow no entry which interferes with an entry of the land under the homestead laws made subsequent to the original entry on which application is made to enter under section 2, and if the land was embraced in a prior entry at date of such homestead the section is inoperative, inasmuch as in that case the land was not properly subject to entry. The application to purchase must likewise be rejected if at date of the original homestead entry a prior claim which has not been abandoned or forfeited existed under *any* law.

I do not construe this section as intending to permit the parties named as conditional purchasers to make entry of tracts to which adverse legal rights have attached prior to date of the act.

The third section reduces to one dollar and twenty-five cents per acre the price of any lands which were subject to ordinary private entry at two dollars and fifty cents per acre at the date of the approval of the act, having been doubled in price by reason of the grant of alternate sections for railroad purposes, and which were put in market at that price prior to the 1st of January, 1861. Lands which have not been put in market for sale at ordinary private entry at two dollars and fifty cents per acre, or which were so put in market subsequent to the 1st of January, 1861, are not changed in price by this section. You will carefully observe the rule, as to price, thus introduced. By reference to your official records, it will be in your power to ascertain the facts with regard to any lands from which to decide as to its applicability to them. In case of doubt, you may correct your records to exhibit the facts by correspondence with this office.

You will further observe that, under section 4, none of the provisions of this act apply to mineral lands, and that no person is entitled to the benefit of *any provision of the entire act* who falls within the inhibition named in this section.

Very respectfully,

J. A. WILLIAMSON, *Commissioner.*

REGISTERS and RECEIVERS

*Of United States District Land Offices.*

[PUBLIC—No. 121.]

AN ACT relating to the public lands of the United States.

*Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled,* That when any lands of the United States shall have been entered and the government price paid therefor in full no criminal suit or proceeding by or in the name of the United States shall thereafter be had or further maintained for



any trespasses upon or for or on account of any material taken from said lands, and no civil suit or proceeding shall be had or further maintained for or on account of any trespasses upon or material taken from the said lands of the United States in the ordinary clearing of land, in working a mining claim, or for agricultural or domestic purposes, or for maintaining improvements upon the land of any *bona-fide* settler, or for or on account of any timber or material taken or used by any person without fault or knowledge of the trespass, or for or on account of any timber taken or used without fraud or collusion by any person who in good faith paid the officers or agents of the United States for the same, or for or on account of any alleged conspiracy in relation thereto: *Provided*, That the provisions of this section shall apply only to trespasses and acts done or committed and conspiracies entered into prior to March first, eighteen hundred and seventy-nine: *And provided further*, That defendants in such suits or proceedings shall exhibit to the proper courts or officer the evidence of such entry and payment and shall pay all costs accrued up to the time of such entry.

SEC. 2. That persons who have heretofore under any of the homestead laws entered lands properly subject to such entry, or persons to whom the right of those having so entered for homesteads, may have been attempted to be transferred by *bona-fide* instrument in writing, may entitle themselves to said lands by paying the government price therefor, and in no case less than one dollar and twenty-five cents per acre, and the amount heretofore paid the government upon said lands shall be taken as part payment of said price: *Provided*, This shall in no wise interfere with the rights or claims of others who may have subsequently entered such lands under the homestead laws.

SEC. 3. That the price of lands now subject to entry which were raised to two dollars and fifty cents per acre, and put in market prior to January, eighteen hundred and sixty-one, by reason of the grant of alternate sections for railroad purposes, is hereby reduced to one dollar and twenty-five cents per acre.

SEC. 4. This act shall not apply to any of the mineral lands of the United States; and no person who shall be prosecuted for or proceeded against on account of any trespass committed or material taken from any of the public lands after March first, eighteen hundred and seventy-nine, shall be entitled to the benefit thereof.

Approved June 15, 1880.

DEPARTMENT OF THE INTERIOR,  
GENERAL LAND OFFICE,  
Washington, D. C., July 17, 1880.

GENTLEMEN: The following is the text of an act of Congress approved June 8, 1880, entitled "An act to provide for issuing patents for public lands claimed under the pre-emption and homestead laws in cases where the claimants have become insane," viz:

"*Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled*, That in all cases in which parties who regularly initiated claims to public lands as settlers thereon, according to the provisions of the pre-emption or homestead laws, have become insane, or shall hereafter become insane, before the expiration of the time during which their residence, cultivation, or improvement of the land claimed by them is required by law to be continued in order to entitle them to make the proper proof and perfect their claims, it shall be lawful for the required proof and payment to be made for their benefit by any person who may be legally authorized to act for them during their disability, and thereupon their claims shall be confirmed and patented, provided it shall be shown by proof satisfactory to the Commissioner of the General Land Office that the parties complied in good faith with the legal requirements up to the time of their becoming insane, and the requirement in homestead entries of an affidavit of allegiance by the applicant in certain cases as a prerequisite to the issuing of the patents shall be dispensed with so far as regards such insane parties."

1. This act applies only to pre-emption and homestead claims.
2. Such claims must have been initiated in full compliance with law, by persons who had declared their intention to become citizens, and were in other respects duly qualified.
3. The party for whose benefit the act shall be invoked must have become insane subsequent to the initiation of his claim, and the act will not be construed to cure a failure to comply with the law when such failure occurred prior to such insanity.
4. If such claimant is shown to have complied with the law up to the time of becoming insane final proof will not be received in homestead cases until the expiration of five years from the date of the original entry, but proof of residence and cultivation will be required to cover only the period prior to such insanity. If a claimant becomes insane *after* expiration of the period of residence, &c., the act will be construed to permit his guardian to act for him within the time in which he might have made final entry himself.
5. The final proof must be made by a party whose authority to act for the insane person during such disability shall be duly certified under seal of the proper probate



court, and no proof of citizenship, except of declaration of intention to become a citizen, will be required.

Respectfully,

J. A. WILLIAMSON, *Commissioner.*

REGISTERS AND RECEIVERS,  
*of United States District Land Offices:*

DEPARTMENT OF THE INTERIOR,  
GENERAL LAND OFFICE,  
*Washington, D. C., October 9, 1880.*

REGISTERS AND RECEIVERS,  
*United States Land Offices:*

GENTLEMEN: In carrying out the provisions of the act of Congress of June 15, 1880, entitled "An act relating to the public lands of the United States," you will be governed by the following instructions supplemented to, and in lieu of, the circular of this office of July 17, 1880, which is hereby rescinded.

1. The first section of said act provides that when any lands of the United States shall have been entered, and the government price paid therefor, no suits or proceedings on account of trespasses committed thereon prior to March 1, 1879, shall be had or maintained.

2. This section extends to such trespassers the privilege of paying for the land upon which the trespass was committed at the legal price per acre at date of entry.

3. The privilege of purchase under said section is not confined to lands subject to ordinary private entry, but extends to any lands, not mineral, subject to disposal under existing general laws.

4. No entry can be allowed under this section if the valid subsisting claim of another person shall have attached prior to the application to purchase.

5. Where lands are plainly subject to ordinary private entry, no special application to purchase, other than the usual application in cases of private entry, is required in order to enable the purchaser to avail himself of the benefits of the act.

6. When lands are not plainly subject to ordinary private entry, and application to purchase the same shall be made with a view to securing the immunity contemplated by said section, you will require the application to be presented under oath of the applicant, giving a full and detailed statement of all the facts upon which he bases his claim to purchase. Such sworn statement should be corroborated by the affidavits of credible witnesses, and you will thereupon forward all the papers in a special letter to this office, allowing no entry until so directed.

#### ENTRIES UNDER THE SECOND SECTION.

7. Under the second section, duly qualified persons who, prior to June 15, 1880, entered, under any of the homestead laws, lands properly subject to such entry, are permitted to obtain title by paying the government price, less the fee and commissions paid at date of original entry.

8. In allowing entries of this class, you will require proof that the party was twenty-one years of age, was a citizen, or had declared his intention to become a citizen of the United States, and was in other respects entitled to make the entry.

9. When homestead entries, made prior to June 15, 1880, have been attempted to be transferred by *bona fide* instrument in writing, the persons to whom such transfers were made are authorized to obtain title by like payments, and with like deduction of fees and commissions, as in the case of original homestead parties.

10. In permitting purchases, by transferees of homestead rights, you will first ascertain whether the original homestead entry was a valid entry under the homestead laws. You will then require the instrument in writing by which it was sought to transfer such homestead right to be filed, together with the best evidence attainable of the *bona fide* character of the transfer, including the affidavit of the party who seeks to purchase. You will also require satisfactory proof that the attempted transfer was made prior to June 15, 1880.

11. You will exercise all possible care in allowing purchases of the above character, as it is not improbable that fraudulent entries will be attempted, and the proper execution of the law will largely depend upon your vigilance and discretion. In cases wherein you entertain a doubt of the propriety of allowing the application to purchase, you should refer all the papers to this office, with a full statement of facts and your opinion.

12. No entry will be allowed under the second section when the original homestead entry was not a valid entry; nor when an entry under the homestead laws shall have been made on the same land subsequent to the original entry, nor if the land was embraced in a prior valid entry at the date of such original homestead entry, nor where adverse legal rights of any character exist at the date of the application to purchase.



13. Applications to purchase under the second section will be made on Form No. 18, as in case of ordinary cash entry, and must be accompanied by the receiver's duplicate homestead receipt, or, if that has been lost or destroyed, by an affidavit setting forth such fact, and giving the register's and receiver's number, and the date of the original homestead entry. It must also be stated in the application that the same is made under the second section of the act of June 15, 1880.

14. Where the duplicate receipt has been lost or destroyed, and the application to purchase is made by the original homestead party, the applicant must make oath that he has not transferred nor attempted to transfer his homestead rights under said entry, nor assigned his right to receive the repayment of the fees, commissions, and excess payments paid thereon.

15. In each case of an entry under the second section the register will certify to the receiver the amount to be allowed as credit for fees, commissions, and excesses already paid, the applicant first making oath that said fees, commissions, and excess payments have not been repaid, and that no application for such repayment has been made.

16. Entries under the second section will receive current register's and receiver's numbers in the regular cash series, and will be returned in the same manner as in other cases of cash entry, referring, however, in each instance, on your cash abstracts, certificates, and receipts, to the date of the act authorizing the entry, the register's and receiver's number of the original homestead application, and the amount allowed as credit for fees and commissions, as follows: "Act June 15, 1880. Original homestead entry No. ——. Credit for fees and commissions, \$——."

17. The *areas* of said homestead entries, having been heretofore reported, will be deducted from the footings of your cash abstracts, and the aggregate of such entries will be stated in red ink in your recapitulations.

18. The amount received under said second section will be accounted for by the receiver as in case of other cash sales, except that in his quarterly detailed account he will note the date of the act opposite each entry of this class, and will state the areas in red ink, and will not include the same in his footings. In his recapitulation and in his condensed quarterly accounts current he will make a separate entry, as follows: "Sales under the second section, act of June 15, 1880, \$——."

19. Final homestead proof not being required in these cases, no advertisement or notice of intention to make final proof is necessary, and no final homestead fees are to be paid or collected.

20. Warrants and scrip made receivable by law for lands subject to sale at private entry, or in commutation of homestead or pre-emption rights, and certificates of deposit on account of surveys, will be deemed receivable for lands purchased under the act of June 15, 1880.

21. The existing rule must, however, be observed, that where the value of warrants or scrip exceeds that of the land entered therewith no repayment is authorized, but the warrant or script applied must be fully surrendered. In such case there would be no claim for repayment on account of the fees and commissions paid on the original homestead entry.

22. The third section reduces to \$1.25 per acre the price of any lands which were subject to ordinary private entry at \$2.50 per acre at the date of the approval of the act, having been doubled in price by reason of the grant of alternate sections for railroad purposes, and which were put in market at that price prior to the 1st of January, 1861. Lands which have not been put in market for sale at ordinary private entry at \$2.50 per acre, or which were so put in market subsequent to the 1st of January, 1861, are not changed in price by this section. You will carefully observe the rule as to price thus introduced. By reference to your official records it will be in your power to ascertain the facts with regard to any lands from which to decide as to the applicability of the rule to such lands. In case of doubt you may correct your records to exhibit the facts by correspondence with this office.

23. You will further observe that, under section 4, none of the provisions of this act apply to mineral lands, and that no person is entitled to the benefit of *any provision of the entire act* who falls within the inhibition named in this section.

Very respectfully,

C. W. HOLCOMB,  
*Acting Commissioner.*

DEPARTMENT OF THE INTERIOR, October 15, 1880.

Approved :

C. SCHURZ, *Secretary.*

AN ACT relating to the public lands of the United States.

*Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled,* That when any lands of the United States shall have been entered and the government price paid therefor in full no criminal suit or proceeding by or in



the name of the United States shall thereafter be had or further maintained for any trespasses upon or for or on account of any material taken from said lands, and no civil suit or proceeding shall be had or further maintained for or on account of any trespasses upon or material taken from the said lands of the United States in the ordinary clearing of land, in working a mining claim or for agricultural or domestic purposes or for maintaining improvements upon the land of any *bona fide* settler or for or on account of any timber or material taken or used by any person without fault or knowledge of the trespass or for or on account of any timber taken or used without fraud or collusion by any person who in good faith paid the officers or agents of the United States for the same or for or on account of any alleged conspiracy in relation thereto: *Provided*, That the provisions of this section shall apply only to trespasses and acts done or committed and conspiracies entered into prior to March first, eighteen hundred and seventy-nine; *And provided further*, That defendants in such suits or proceedings shall exhibit to the proper courts or officer the evidence of such entry and payment and shall pay all costs accrued up to the time of such entry.

SEC. 2. That persons who have heretofore under any of the homestead laws entered lands properly subject to such entry, or persons to whom the right of those having so entered for homesteads, may have been attempted to be transferred by *bona fide* instrument in writing, may entitle themselves to said lands by paying the government price therefor, and in no case less than one dollar and twenty-five cents per acre, and the amount heretofore paid the government upon said lands shall be taken as part payment of said price: *Provided*, This shall in no wise interfere with the rights or claims of others who may have subsequently entered such lands under the homestead laws.

SEC. 3. That the price of lands now subject to entry which were raised to two dollars and fifty cents per acre, and put in market prior to January, eighteen hundred and sixty-one, by reason of the grant of alternate sections for railroad purposes is hereby reduced to one dollar and twenty-five cents per acre.

SEC. 4. This act shall not apply to any of the mineral lands of the United States; and no person who shall be prosecuted for or proceeded against on account of any trespass committed or material taken from any of the public lands after March first, eighteen hundred and seventy-nine, shall be entitled to the benefit thereof.

Approved June 15, 1880.

*Homestead rulings.*—Reference is made to homestead rulings and decisions of especial interest rendered since the close of the previous fiscal year as follows:

1. A party who is about to make proof in support of a pre-emption claim, or final proof on a homestead entry, may make a direct contract with the publisher of the designated newspaper, or deposit with the local land officers the money necessary to pay for publication of the notice of his intention to make proof, required to be given by the act of March 3, 1879; this is at the option of the party. (Acting Commissioner's letter to register and receiver, Le Grand, Oreg., August 1, 1879.)

2. A party appointed by the applicant as his attorney to file a soldier's or sailor's homestead declaration, under section 2309 of the Revised Statutes, may substitute another to file the declaration, where full power of substitution is given in the power of attorney by the principal. (Acting Commissioner's letter to register and receiver, Bloomington, Nebr., August 6, 1879; case of Philip Betz.)

3. Where a man and woman marry after each has made a homestead entry of adjoining land, it was ruled that they may live in a house built on the dividing line between the two homesteads. (Commissioner's letter to Messrs. Hughes and Corse, Larned, Kans., August 11, 1879; case of Alfred C. Sowle *et al.*)

4. A soldier's additional homestead certificate for less than forty acres cannot be located on a tract where the excess is more than the number of acres allowed to be located by the certificate. (Acting Secretary's decision of September 18, 1879; case of William C. Gleason.) It has also been held that in no case shall entry be allowed under soldier's additional homestead certificate to call for a quantity above the amount allowed to be entered therewith which shall be greater than the difference between the amount specified in the certificate and the next smaller reg-



ular subdivision. For example: A certificate for fifty-three acres cannot be used to enter a subdivision of eighty acres, because the excess over fifty-three acres (twenty-seven acres) is greater than the difference in area between the quantity specified in the certificate and the next smaller regular subdivision of forty acres. (Acting Commissioner's letter to register and receiver, Boise City, Idaho, August 18, 1879.)

5. The homestead entry of a party under twenty-one years, not the head of a family, and who had not served the required time in the Army or Navy, should be canceled for illegality, it having been decided by the Board of Equitable Adjudication, November 1, 1877, that such cases are not proper ones for confirmation. (Acting Commissioner's letter to register and receiver, Yankton, Dak., October 10, 1879.)

6. Timber land embraced in a homestead entry not consummated may be cleared in order to cultivate the land and improve the premises, but for no other purpose. If, after clearing the land for cultivation, there remains more timber than required for improvements, there would be no objection to the party disposing of the same. The question of whether the land is being cleared of its timber for legitimate purposes is one of fact, liable to be raised at any time, and if timber is cut and removed for any other purpose it will subject the entry to cancellation, and the party who did it to civil suit for recovery of the value of the timber, and criminal prosecution under section 2461 of the Revised Statutes. (Acting Commissioner's letter to John Ronan, esq., January 15, 1880.)

7. As section 2290 of the Revised Statutes provides that a fee of five dollars shall be paid on making homestead entry where the tract contains "not more than eighty acres," and a fee of ten dollars where the entry is "for more than eighty acres," a fee of *ten* dollars is required where the entry exceeds eighty acres in quantity by ever so little, although the tract be held to be a technical half quarter section. (Secretary's decision of January 23, 1880; case of Reuben Decker.)

8. A soldier in the United States Army cannot comply with the legal requirements of residence and cultivation so as to acquire title to land under the homestead statutes while his term of service continues. His privilege can only be effectually exercised after he leaves the service. (Acting Commissioner's letter to Charles Harris, February 3, 1880.)

9. Actual cultivation of the entered tract is required to be shown on final proof by parties to homestead entries under section 2289 of the Revised Statutes, except in cases where the entry is made under said section for the use and benefit of an original farm. This requirement must be fulfilled in accordance with the meaning of the word *cultivation*, as defined by standard authorities. Actual cultivation cannot be dispensed with because the lands entered are such as are denominated *arid* or *grazing* lands: *Held*, that lands suitable for homesteads may be cultivated with the water obtainable, sufficient to evidence good faith. The people in the arid country west of the one hundredth meridian having generally been led into the belief that actual cultivation of the land was not required, but that using the same for grazing was sufficient, it was concluded in homestead cases where cultivation has not been performed in the past within the statutory period of five years to allow the parties to do so thereafter as an evidence of good faith, with a view upon proof thereof to submit the entries for the action of the Board of Equitable Adjudication. (Commissioner's letter to register and receiver, Denver, Colo.; case of Walter M. Priest *et al.*, and previous letter to the land officers at San Francisco, Cal., April 25, 1879; case of Patrick Gaffrey *et al.*) But the Secretary of the Interior in his letter to the Attorney-General of October 13, 1880, case of T. W. Leming, Pueblo



district, Colorado, overrules this, holding that in the grazing districts stock raising and dairy production are so akin to agricultural pursuits as to justify the approval of the homestead claim upon proof of the proper residence with use of the land for such purposes.

10. In a case of transmutation of a pre-emption declaratory statement to a homestead entry, in which the party was allowed to consummate the homestead entry at date of transmutation by reason of five years' pre-emption settlement, credit for which was allowed under the act of May 27, 1878, it was decided that actual cultivation, as required by the homestead law, must be shown, and that the requirement must be fulfilled in such cases of transmutation *subsequent* to the homestead entry, if not fulfilled before, since by the terms of said act the privilege of claiming credit for period of pre-emption settlement on change to a homestead entry is granted, "subject to all the provisions of the law relating to homesteads." (Commissioner's letter to register and receiver, Pueblo, Colo., April 20, 1880; case of Jeremiah Sanborn.)

11. In making final proof on additional homestead entries made under the act of March 3, 1879, in cases where the original entry shall have been consummated prior to making additional entry, upon proof of *five* years' settlement and cultivation, it was concluded that the party is entitled to credit of *four* years, in view of the *proviso* to the act that the land in the additional entry must be cultivated at least one year; that the statutory period of *five* years' settlement and cultivation will expire in such case one year after additional entry, and that proof should be made within two years after the expiration of said statutory period; that is, within *three* years subsequent to additional entry. And it was also held that the party in such a case need not establish his residence upon the tract covered by his additional entry, providing his actual legal residence upon the tract embraced in his original entry, and cultivation and improvement of the additional tract, are shown upon final proof. (Commissioner's letter to L. M. Wirt, esq., April 22, 1880.)

12. Where a party applies to enter with a soldier's additional homestead certificate land upon which a settler has improvements, a hearing may be had to determine the facts in the case, in view of the principles announced by the United States Supreme Court in the case of *Atherton vs. Fowler et al.* (6 Otto, 513), and of *Hosmer vs. Wallace* (7 Otto, 575). (Commissioner's letter to register and receiver, Denver, Colo., June 4, 1880; case of Alexander Meade.)

13. The claim of a settler on unsurveyed land not asserted upon survey by the filing of a pre-emption declaratory statement within three months from date of filing of plat of survey in the local land office, does not except land found to be in the 16th and 36th sections from the operations of the grant to the State for school purposes, and therefore a homestead entry therefor not based on such pre-emption filing is inadmissible, although the application be made within said period of three months. (Commissioner's letter to register and receiver, Leadville, Colo., June 24, 1880, case of Laurence Bonis.) In this case the land was granted in 1875, and title to the specific tract vested in the State prior to the passage of the act of May 14, 1880. Homestead settlements prior to survey are now recognized by that act, and cases are adjusted in accordance therewith.

14. In the case of a homestead entry of 191.91 acres of land on the west boundary of a township, it was held that the quantity is shown by the return of the surveyor general to be embraced within the lines of a *technical* quarter section, and, therefore, that the entire quantity could be taken in one entry under the homestead law. (Acting Secretary's decision of August 23, 1880, case of Peder Olsøn Anrød.)



15. In the case of a contested homestead entry, while the testimony of abandonment remained on the files of the local land office defendant relinquished his entry, and thereupon the land officers, overlooking the pending contested case, allowed a party other than the contestant to enter the land. The contestant appealed from the action of the local officers on the ground that he, as contestant, was entitled to thirty days' notice of the cancellation of the entry and desired a *friend* of his to be allowed the preference right to enter: *Held*, That none but the *contestant* is entitled to a preference right to enter, he being the only one who by law secures the status of a preferred claimant by reason of the initiation of a contest, and, therefore, that the second entry alluded to may stand. The local officers were instructed that the right of entry should be reserved for the contestant during the period of thirty days' notice required to be given in such cases upon the cancellation of an entry by law (act of May 14, 1880), except upon written waiver of privilege by contestant. (Commissioner's letter of September 13, 1880, case of Scott *vs.* Wingerd and Burgedoff.)

16. In the case of a warrant location made in commutation of a homestead entry under section 2301 of the Revised Statutes, the location was held for cancellation because the requirement of the homestead law in respect to cultivation had not been fulfilled. The transferee of the party to the entry prayed that patent be issued on the commutation entry on the ground that she was an innocent purchaser. Her prayer was refused, and on appeal the decision of the General Land Office was affirmed, it being held that she purchased no better title than the party to the entry had; and upon consideration of her request that the entry be patented in view of the remedial provisions of the act of June 15, 1880, it was further held that the right of the transferee to purchase under said act a homestead entry abandoned by the party thereto must be asserted through the local land office by regular application thereunder. (Acting Secretary's decision of September 15, 1880, case of Margaret S. Kissack, transferee of William Frazier.)

#### *Timber-culture entries.*

During the fiscal year ending June 30, 1880, there was entered under the timber-culture laws the large quantity of 2,193,184.12 acres of land, yet showing a decrease of 573,389.81 acres as compared with the aggregate of the previous fiscal year. In Dakota there was an increase, 868,747.39 acres having been entered as against 731,687.73 acres the previous fiscal year. In Kansas 420,952.35 acres were taken up, less by 694,706.77 acres than the number taken in the previous fiscal year. In Nebraska the entries reached 482,992.21 acres, against 465,968.91 acres in the previous fiscal year.

*Timber-culture rulings.*—Rulings and decisions under the timber-culture acts have been made since the close of the previous fiscal year, as follows:

1. The right of timber-culture entry may not be exercised by a party to appropriate land cultivated and covered by the valuable improvements of another and in the possession of another, but only upon unimproved "public lands." The doctrine which the U. S. Supreme Court in the case of *Atherton vs. Fowler* (6 Otto, 513) say should govern in pre-emption cases, where forcible seizure and entry of the improvements of another is contemplated, to the effect that such lands are not subject to pre-emption, should govern in timber-culture entries. (Secretary's decision of July 17, 1879, case of *Shadduck vs. Horner*.)



2. Unless land is naturally devoid of timber it cannot be entered under the timber-culture law. Where the timber has been cut off, the land is not subject to such entry. If saplings or young timber trees are found growing on the land, it cannot be entered for timber-culture purposes. (Acting Commissioner's letter to Hon. John A. Anderson, House of Representatives, December 18, 1879.)

3. Although a fractional section naturally devoid of timber may contain less than 640 acres, parties are entitled to entry of 160 acres of land embraced therein under the timber-culture law. (Commissioner's letter to register and receiver, Watertown, Dak., September 25, 1880, case of Job K. Harr *et al.*)

4. Where a party secures a written relinquishment of a timber-culture claim, and files it in the proper land office with his own application to enter under the timber-culture law the land therein described, such party will be treated as a contestant, and will, upon cancellation of a prior claim, be allowed to make entry as sought. (Acting Commissioner's letter to Salem F. McKinney, esq., March 3, 1880.)

5. A party contesting a timber-culture entry and filing his application to enter the land has, on the cancellation of the entry, the preference right to enter the land under the homestead law. The application to enter should be made in proper form and noted on the records by the local officers. On the cancellation of the entry, notice should be given and a reasonable length of time allowed to the contestant to complete his entry by filing the necessary affidavit showing his personal qualifications. No fees are to be tendered until completion of the entry. No improvement and settlement made by contestee after initiation of a contest against his entry shall accrue to his benefit, or act to defeat the vested rights of a contestant and applicant. (Secretary's decision of March 4, 1880, case of Kinney *vs.* Degman.)

6. In case of contest against a timber-culture entry, it was held that testimony taken on a published notice to the parties to appear at the office of a notary public will not be considered, as the right of parties in contested cases must be determined on testimony taken on *trials* before the register and receiver; but depositions in a case *pending* before the local office may be taken elsewhere and submitted as evidence, if previously allowed by the register and receiver. (Secretary's decision of March 15, 1880, case of Day *vs.* Bright.)

7. An excess not to exceed twenty acres may be allowed in timber-culture entries where, as in fractional sections, such entries appear unavoidable. Such excess over one hundred and sixty acres must be paid for as in homestead entries. (Commissioner's letter to register and receiver, Le Grand, Oreg., March 16, 1880.)

8. A party alleging that a timber-culture claim has been sold and relinquished is entitled to initiate a contest against the same, notwithstanding the first year from date of entry may not have elapsed, or that the relinquishment is held by a third party. Such relinquishment or sale is a waiver of the right of the entryman, and cases of this character do not come under the general rule that contests must be initiated subsequent to the expiration of one year from date of entry. (Secretary's decision of April 5, 1880, case of Greene *vs.* Graham.)

9. Abandonment is not now a ground for contest against a timber-culture entry. An allegation of failure to comply with the law is the only basis of procedure against an entry. The third section of the act of June 14, 1878, differs from the corresponding one in the act of March 13, 1874, in this, that in the former the clause making abandonment a cause for contest appears to have been stricken out, leaving only failure



“to comply with the requirements of the act” as a basis for procedure against a valid entry. The provisions of the later act are not merely engrafted into the prior one, but the later act is a substitute for the prior, and by the later we are to be governed. (Commissioner’s letter to register and receiver, Concordia, Kans., April 15, 1880, case of the application of Noble P. Woolpert to contest the entry of J. S. Betts.)

10. In the case of a contest against a timber-culture entry made under the act of March 13, 1874, in which the trial took place before the passage of the act of June 14, 1878, it was held that the decision of the case determined the rights of the claimant *as of the date of the trial*, and that where failure to comply with the act of 1874 has been shown prior to the enactment of the act of 1878, the later act affords no relief, presuming that such acts have been performed as would constitute a compliance therewith, which, however, it was decided, had not been done in the case under consideration. (Secretary’s decision of April 30, 1880, case of *Lee vs. Moran*.)

11. Planting and cultivation of the following trees is regarded as satisfying the requirements of the timber culture act, viz., cedar, pine, fir, larch, elm, oak, black locust, honey locust, alder, beech, plane tree (cotton tree, buttonwood, or sycamore), chestnut, spruce, ash, birch, service tree (mountain ash), maple (including box-elder), walnut, cottonwood, white willow, hickory, white wood (tulip tree), butternut, and basswood. (Commissioner’s letter to C. S. Getchell, esq., May 18, 1880, and to Shubal Hammon, esq., June 3, 1880.)

12. The year within which the timber-culture claimant under the act of June 14, 1878, must break five acres does not expire until the end of the last day of the year from and after the day of entry. For example: in case of an entry made September 17, 1878, the first year did not expire until the close of the 17th day of September, 1879, and it was the right of the party to do the breaking on said last day of the year. A contest on the ground of failure to do the breaking within the first year would not lie until the expiration of the last day thereof, as above computed. This ruling was made in the case first referred to below, and it was also held that where a prematurely initiated contest had been entertained erroneously by the local land officers, it was no bar to the initiation of a contest against the same entry at the proper time by another contestant. (Secretary’s decision of May 31, 1880, case of *Tripp & Allen vs. Stewart*.)

13. Parties making timber-culture entry in the arid country in the west, without being certain of obtaining water to break the land and cultivate trees as required by law, do so at their own risk, it being a well-known fact that trees cannot be successfully cultivated there without irrigation. The law is imperative in its requirements; relief is afforded only in instances where the trees, seeds or cuttings, are destroyed by grasshoppers, or by extreme and “unusual drought,” as provided in the second section of the act of June 14, 1878. (Acting Commissioner’s letter to register and receiver, Denver, Colo., July 14, 1880, case of *Finch vs. Harry*.)

#### *Desert land entries.*

Entries of land under the desert land act of March 3, 1877, entitled “An act to provide for the sale of desert lands in certain States and Territories,” during the fiscal year ending June 30, 1880, reach the number of 538, embracing an aggregate area of 155,639.35 acres, this being less than the aggregate of entries last year by 10,357.18 acres.

These entries were made in the different States and Territories as



follows: California, 77 entries, calling for 18,600.61 acres; Nevada, 77 entries, 16,191.48 acres; Oregon, 11 entries, 5,144.25 acres; Arizona, 10 entries, 2,559.60 acres; Idaho, 22 entries, 10,190.39 acres; Montana, 134 entries, 53,447.54 acres; New Mexico, 28 entries, 7,753 acres; Utah, 69 entries, 12,454.61 acres; Washington, 12 entries, 2,398.11 acres; Wyoming, 98 entries, 26,899.76 acres.

Under date of June 25, 1878, the following circular was issued by this office:

DEPARTMENT OF THE INTERIOR,  
GENERAL LAND OFFICE,  
Washington, D. C., June 25, 1878.

SIR: The following instructions are issued under the act of Congress approved March 3, 1877, entitled "An act to provide for the sale of desert lands in certain States and Territories" (19 Statutes, p. 377).

By the terms of the act, the quantity to be entered by any one person is limited to one section, or to a tract not exceeding 640 acres, and it is required to be in compact form. If the land is surveyed it is required to be particularly described, and if unsurveyed it shall be described as nearly as possible without survey.

As the land to be entered under this act is public land, and no provision is made for any departure from the rectangular system in the survey of claims under said act, the claimants on unsurveyed land will be required to take their claims by legal subdivisions, when the lines of public surveys shall have been extended over the same.

You will therefore instruct your deputies that in subdividing townships, when they reach one of these desert land claims, they will extend their lines in the usual manner, and from the best information obtainable represent by an outline sketch the approximate limits of the reclaimed tract or the tract in process of reclamation, so that the same may appear upon the township plat when prepared in your office.

In case a survey is asked of claims under said act which are isolated from the regular progress of public surveys, and the land intervening is not of a character authorized to be surveyed under existing laws, in order to reach such claims it will be necessary to extend the nearest standard line to the neighborhood of such claims, and then extend the proper township and section lines sufficiently to embrace such claims.

This extension will only be authorized in cases where a person has made satisfactory proof to the register and receiver of the reclamation by conducting water upon the tract within the period of three years from the filing of his declaration therefor, in cases where the party desires to make payment and obtain patent for the land, and after the evidence of reclamation has been submitted to this office and authority is given for such extension.

Very respectfully,

J. A. WILLIAMSON,  
*Commissioner.*

UNITED STATES SURVEYOR GENERAL.

In the circular of March 12, 1877, issued under this act, the following form of certificate was prescribed:

No. —.]

UNITED STATES LAND OFFICE,  
\_\_\_\_\_, \_\_\_\_\_, 18—.

It is hereby certified that under the provisions of the act of Congress approved March 3, 1877, entitled "An act to provide for the sale of desert lands in certain States and Territories," \_\_\_\_\_ has this day filed in this office his declaration of intentions to reclaim the following described tract of land, viz: \_\_\_\_\_; that he has proven to our satisfaction that the said tract of land is desert land as defined in the second section of said act, and that he has paid to the receiver the sum of \_\_\_\_\_ dollars, being at the rate of twenty-five cents per acre for the land above described.

It is therefore further certified that if, within three years from the date hereof, the said \_\_\_\_\_, or his assignee or legal representative, shall satisfactorily prove that the said land has been reclaimed by conducting water thereon, and shall pay to the receiver the additional sum of one dollar per acre for the land above described, he or they shall be entitled to receive a patent therefor under the provisions of the said act.

\_\_\_\_\_, *Register.*  
\_\_\_\_\_, *Receiver.*

\$\_\_\_\_\_

Subsequently the honorable Secretary of the Interior declined to recognize the assignment of desert land entries. His ruling that such en-



tries are not assignable was promulgated by this office by being published in a circular of date October 1, 1878.

The matter having again come before the Secretary, the following is a copy of his formal decision of April 15, 1880, against the validity of assignments of desert entries :

DEPARTMENT OF THE INTERIOR,  
*Washington, April 15, 1880.*

SIR: I have received your letter of the 2d instant, inclosing two letters dated the 13th and 15th ultimo, respectively, from Messrs. Blyth and Pixley, of Evanston, Wyo., addressed to Hon. S. W. Downey, and by him referred to you, in relation to the assignability of desert land claims by the party making the entry. From these letters it appears that certain persons, having made desert land entries in the Territory of Wyoming, sold and assigned the same to others for a valuable consideration. They claim that they were justified in so doing by the circular of your office of March 12, 1877.

In your letter of transmittal you referred to the ruling of this department that such claims are not assignable, but in view of the fact that these claims were assigned before such ruling by the department was made, you request to be informed "whether such cases as are herein mentioned shall be regarded as exceptions to your said ruling."

I think there can be no doubt that these claims were not assignable. The law by which the entries were allowed to be made treats them as the claims of the party making the entry. If proof is made showing a compliance with the law, "a patent for the same shall be issued to him."

The claims not being assignable, no rights passed to the purchaser when the assignment was made.

There is no discretion either in this act or by any other law which authorizes me to treat such claims as assignable, because the assignment was made under a misapprehension. The claims, therefore, cannot be treated as an exception to the general rule.

Undoubtedly the parties have equities which ought to be respected, if the law would warrant it, but if a patent ever issues upon the claims entered and assigned as set forth in the letters above mentioned, it must issue to the parties who originally made the entry, unless additional legislation be obtained whereby the assignments shall be legalized.

I herewith return the papers transmitted with your letter.

Very respectfully,

C. SCHURZ, *Secretary.*

The COMMISSIONER OF THE GENERAL LAND OFFICE.

It has come to the knowledge of this office that assignments of desert entries, other than those above referred to, have been made in the belief that the same were authorized by law.

In view of these facts and of the above decision in the premises, I would recommend the passage of an act by Congress legalizing assignments heretofore made in good faith of desert land entries, and authorizing the assignees to make final proof and payment and receive patents for the lands embraced in such entries in their own names.

The following circular was issued by this office September 3, 1880 :

DEPARTMENT OF THE INTERIOR,  
GENERAL LAND OFFICE,  
*Washington, D. C., September 3, 1880.*

GENTLEMEN: It appears from evidence on file in this office that desert land entries have, in many cases, been made in narrow longitudinal tracts along the margin of streams, without reference to the requirement of the act of Congress of March 3, 1877, that each tract "shall be in compact form."

It is also authoratively represented that, under the practice of locating meandering sections on the streams, large quantities of hay-lands have been taken up in certain districts, irrespective of the restriction in said act confining desert entries to "lands which will not, without irrigation, produce some agricultural crop."

The act of March 3, 1877, authorizes any qualified person, upon the payment of twenty-five cents per acre, to file a declaration under oath of his intention to reclaim "a tract of desert land not exceeding one section," by conducting water upon the same within three years thereafter. It defines the right to the use of water conducted on or to "any tract of desert land of six hundred and forty acres." The declaration of intention shall particularly describe "said section" if surveyed, and if unsurveyed shall describe the same as nearly as possible without a survey.



At any time after three years, upon satisfactory proof of the reclamation of "said tract" and the payment of "the additional sum of one dollar per acre for" a tract of land not exceeding "six hundred and forty acres" to any one person, a patent for the same shall be issued to him; *Provided*, That no person shall be permitted to enter more than "one tract of land," and not to exceed "six hundred and forty acres," which shall be "in compact form."

The law allows the entry of a tract of desert land not exceeding six hundred and forty acres. It must be in compact form. These are the essential conditions relative to the quantity and situation of the land that may be entered under this act.

Hence desert entries are not restricted to specific technical sections, but to the quantity of land embraced in a technical section. The land must also be in compact form.

The requirement of compactness of form will be held to be complied with on surveyed lands when a section or part thereof is described by legal subdivisions compact with each other, as nearly in the form of a technical section as the situation of the land and its relation to other lands will admit of, although parts of two or more sections should be taken to make up the quantity or equivalent of one section.

But entries which show upon their face an absolute departure from all reasonable requirements of compactness, and being merely contiguous by the joining of ends to each other, will not be admitted, whether on surveyed or unsurveyed lands.

On unsurveyed lands the degree of compactness required will be such as, upon the adjustment of the lines after survey, will bring the land within the limits and general form of a technical section, or part thereof, as nearly as may be.

In no case will the side lines be permitted to exceed one mile and a quarter when the full quantity of 640 acres is entered.

Where the entry embraces a less quantity than a whole section, or its equivalent, the limit to the side lines will be proportionately decreased. You will in future be strictly governed by the foregoing instructions. Entries heretofore made, whether by legal subdivisions on surveyed lands, or of an irregular form on unsurveyed lands, running along the margins or including both sides of streams, and not being compact in any true sense, will be suspended by this office, and the parties will be called upon to amend their entries so as to conform to the law; failing to do which, after proper notice, such entries will be held for cancellation.

In reference to the proper proof to be required of the desert character of lands proposed to be entered under the desert land act, you are instructed that lands along streams and around bodies of water which produce grass suitable for hay without artificial irrigation are not desert lands within the meaning of the law, and such lands are not subject to desert entry.

In accepting entries of land on the borders of streams or lakes, you will require evidence that the land, in its natural state, is not productive of hay.

J. A. WILLIAMSON,  
*Commissioner.*

REGISTERS AND RECEIVERS,  
*United States Land Offices.*

Approved:

A. BELL, *Acting Secretary.*

It has come to the knowledge of this office that in the cases of many entries under the desert-land act of March 3, 1877, the nearest water supply is so inaccessible, or so far distant, as not only to necessitate a great amount of labor and expense in bringing the water upon the land, but, also, that in some cases a period of more than three years is required in which to construct the proper and requisite irrigating ditches. I would therefore recommend that an act be passed by Congress extending the time of making proof of reclamation and final payment for a period not exceeding *two* years from date of the expiration of three years from date of the entries.

*Abstract of rulings under the desert-land act.*—Unsurveyed lands in sections 16 and 36 cannot be entered under the desert act of March 3, 1877, if the public surveys have so far progressed as to indicate which are school sections. (Commissioner's letter of July 16, 1879, to register and receiver at Le Grand, Oreg.)

The proof of water right must be the best that the case admits of. If the right is a matter of record under local laws, a verified copy of such record must be furnished. In case the right is obtained from an incor-



porated company, which has constructed and owns ditches for irrigating purposes, a certificate to that effect from the president or secretary of such company would be satisfactory. If it be by prior appropriation, and not of record, it should be so stated; in this last case, it should also be made to appear that there is no adverse claim to the water appropriated. (Commissioner's letter of March 30, 1880, to register and receiver, Bozeman, Mont.)

Desert land claims are not assignable, and purchasers thereof can secure no right or title to the same under the existing law. (Secretary's decision of April 15, 1880.)

Lands along the streams and around bodies of water which will produce grass suitable for hay without artificial irrigation are not desert lands within the meaning of the law, and are not subject to desert entry. (Office circular of September 3, 1880, issued with the Secretary's approval.)

In no case will the side lines (of land embraced in a desert entry) be permitted to exceed one mile and a quarter when the full quantity of 640 acres is entered. Where a less quantity than a whole section is embraced in an entry, the limit to the side lines will be proportionately decreased. (Circular of September 3, 1880, issued with Secretary's approval.)

The proof of reclamation must show that the quantity of water brought upon the land in such manner that it can be used in the cropping season is sufficient to irrigate the entire tract entered. (Commissioner's letter of September 3, 1880, to register and receiver, Bozeman, Mont.)

#### *Hot Springs, Ark., Reservation.*

These springs, which are situated in Garland County, Arkansas, pour forth from the mountain called by the same name, a spur of the Ozark, at an altitude of 1,360 feet above the level of the sea, and from 50 to 100 feet above the valley of the Hot Springs River. In 1860 Professor Owen (State chemist), of Arkansas, gave the number of springs as 42. In 1875 they had increased in number to 57.

The temperature [says the report of the American Medical Association for 1872, vol. 23, p. 408] ranges from 93° to 150° Fahr., and the springs discharge over 500,000 gallons of water daily, sufficient in quantity to accommodate with delightful bathing over 10,000 bathers every day in the year. Clear, tasteless, inodorous, these springs pour forth from the Novaculite Ridge waters as pure, bright, and sparkling as the pellucid Neva, more nearly allied to Gastein, in the Noric Alps, and *Pfiffers*, in *Switzerland*, than any known springs; but in regard to climatic advantages, we can justly claim that the climate of Arkansas throughout the year far surpasses the European.

The crude materials contained in the waters are: Silicates with base; bicarbonate of lime; bicarbonate of magnesia; carbonate of soda; carbonate of potassa; carbonate of lithia; sulphate of magnesia; chloride of magnesia; alumina, with oxide of iron; oxide of magnesia; sulphate of lime; arseniate of lime; arseniate of iron; iodine, a trace; organic matter, a trace. The pure, subtile liquid certainly holds in refinement active mineral ingredients, so that no chemical analysis can resolve satisfactorily its true natural combinations or reveal their relations.

In the vicinity of the springs is found an immense bed of superior oil-stone, or *novaculite*, defined as an argillaceous slate, containing fine silicious particles, used for hones or razor stones, which has become an article of trade, and meets with extensive demand for whetstones, being said to be equal to the celebrated Turkish oil-stone. It is now generally admitted that De Soto and his men camped here but a short time before the death of their leader, and so invigorating did they find the waters that they imagined they had discovered the Fountain of Youth. The United States acquired title to the country embracing these springs



as part of the Louisiana purchase from France in 1803. French traders and trappers came to the springs every year after the early settlement of Louisiana, but it was not until 1807 that any permanent improvements were made or a settlement established. At that time Manuel Preedhouse, a Frenchman, built a shanty and established a trading post. John Perciful and Isaac Cates camped here the same year. Perciful in the spring of 1808 cleared a small patch and established a residence about seven miles from the springs. In 1809, Preedhouse gave or traded his shanty to Perciful, who erected a few cabins, and in other ways prepared for the reception and entertainment of visitors; for even at this early day the curative properties of these waters had become known. A few visitors came in 1810 and 1811. In 1812 the number of cabins had considerably increased, and persons resorted to this then sequestered spot to avoid the associations of the Army and horrors of war. Perciful continued to reside upon his farm seven miles from the springs, removing to the latter for the summer months and opening a hotel, thereby finding a market for the produce of his farm. It was upon this intermittent residence that Perciful based his claim to a pre-emption right. In 1825, or thereabouts, Perciful rented or leased for a term of five years the springs property to one Belding, who for that period of time occupied the house and acted as "mine host." It was upon this residence and occupation that the heirs of Belding claimed the right to purchase under the pre-emption law. July 5, 1818, the Indian title was extinguished by treaty with the Quapaws. January 27, 1819, Samuel Hammond and Elias Rector, who held as assignees New Madrid certificate of location No. 467 for 200 arpents, caused that quantity of land to be surveyed in such a manner as to embrace the springs, and returned the certificate together with a plat of survey to the recorder of public lands for that land district, with the request that the transaction be made a matter of record to the end that patent might issue for the land as surveyed. That officer refused to allow the entry upon the ground that the United States surveys had not so far extended as to include the tracts applied for.

In 1832 Congress decided to reserve these springs for the benefit of our afflicted fellow-citizens and pleasure seekers, and accordingly it was provided, by the third section of the act of 20th April of that year (4 Statutes, p. 505)—

That the Hot Springs in said Territory (Arkansas), together with four sections of land including said springs, as near the center thereof as may be, shall be reserved for the future disposal of the United States.

The public lands survey did not extend to this locality until during the first quarter of 1838, which survey was duly approved by the surveyor-general April 30, 1838; and the President, in his proclamation of May 16, 1839, for the sale of lands in the Washington (Arkansas) land district, embracing the land in question, reserved for the Hot Springs the following described lands, to wit: South half of section 28, south half of section 29, all of section 32, and all of section 33, township 2 south, range 19 west, and north half of section 4, and north half of section 5, township 3 south, range 19 west, which tracts composed the original reservation.

The passage of an act June 21, 1866 (14th Statutes, p. 60), providing that the lands in Arkansas and other Southern States should not be otherwise appropriated than according to the provisions of the homestead law, was made the foundation of a claim that the lands embraced in this reservation were subject to settlement and entry under that law, and the register of the Camden (Arkansas) land district allowed during



the month of January, 1875, the greater portion of said reservation to be entered by various parties as homesteads. These entries this office refused to recognize as valid; and held them for cancellation. Henry C. Miller and others appealed from the decision of the Commissioner of the General Land Office to the Secretary of the Interior, who, by his decision of September 23, 1875, affirmed the decision of the Commissioner. The entries were then canceled and the record cleared. By this time the Hot Springs settlement had reached the dimensions of a city.

In 1870, recognizing the importance of the interests involved, and desiring that innocent purchasers should not suffer, Congress, by act of May 21 of that year (16 Statutes, 149), provided that persons claiming title, legal or equitable, to land in this reservation, might bring suit in the Court of Claims for the settlement of their rights. The act prescribed the manner in which the suits should be brought, and enlarged the jurisdiction of said court to embrace them. The fifth section provided that in case "the decision of the court should be adverse to the claimants, and the land or any part thereof adjudged still the property of the government, the court shall order said land into the hands of a receiver." The act made it the duty of the receiver to rent out the land for the benefit of the United States until Congress should by law prescribe the manner of disposal, and gave to either party the right of appeal to the Supreme Court of the United States.

Quite a number of claimants availed themselves of the provisions of this act, and instituted suits for the confirmation of their titles. The decision of the Court of Claims was adverse to the plaintiffs, and an appeal was taken to the Supreme Court. The cases were heard at the October term, 1875, and Mr. Justice Bradley delivered the opinion of that body, sustaining the decision of the Court of Claims. This, of course, settled the question of title, and it then became necessary, in order that hardships should not be imposed, and that those who had become innocent purchasers might procure legal title to the land occupied by them, for Congress to make provisions to that end. Accordingly, the act of March 3, 1877 (19 Statutes, p. 377), was passed, repealing that portion of the act of May 31, 1870, creating a receiver, with a reservation to the government of the right to collect rents already due. It required the President to appoint three commissioners, two of whom should constitute a quorum; required them to meet in the city of Hot Springs within thirty days after their appointment; prescribed the manner of organization, and of advertisement of time and place of meeting; required that certain evidence should be taken, and defined the manner of taking the same; made it the duty of the commissioners to lay out said reservation in blocks and lots; reserved from sale that part of the land including the Hot Springs, and provided for the appointment of a superintendent of said reservation. It empowered the Secretary of the Interior to levy a special tax upon the water of said springs sufficient to pay for the protection and improvement of the same; provided for the sale of lots not reserved, and gave to the claimants whose claims should be favorably passed upon by the commission a preference right to purchase the lots contained therein at any time within twelve months next after notice given as therein required, and made it the duty of the Secretary of the Interior to cause all lots awarded to claimants by the commissioners, where said claimants should fail to pay for the same within the time and in the manner prescribed by law, together with all the land not so awarded nor reserved, to be sold at public auction to the highest bidder, and for not less than the appraised value thereof. It required that notice of such sale should be given, and prescribed the



manner of giving the same. The act is quite lengthy and explicit, requiring the performance by the commissioners of various other duties, to which it is unnecessary to refer in detail in this place. Suffice it to say that the commissioners found it impossible to complete the work allotted them in the time (one year) prescribed by law, and it became necessary for Congress to order the appointment of a commission to continue in office for one year after the passage of the law, which was December 16, 1878 (20 Statutes, 258). This act, in addition to reviving the act of March 3, 1877, made provision for free baths.

The commissioners, after careful and untiring labor for more than eighteen months, made their final report to the Secretary of the Interior December 11, 1879. This report was transmitted to Congress with the Secretary's letter of January 5, 1880. (Ex. Doc. 21.)

The labors of the commissioners were performed in a very satisfactory manner, and their report, with the plats and diagrams by them returned to this office, rendered subsequent proceedings under the law easy.

The act of March 3, 1877, while it empowered the commissioners to issue certificates for condemned property, made no provision for the payment of the same; but Congress, by act of June 16, 1880, provided for the location of said certificates upon land within the reservation, the sale of which was ordered, made them assignable, and required the register and receiver of the United States land office at Little Rock, Ark., to issue their certificates for the unsatisfied balance in cases where certificates issued by the commissioners should be surrendered in payment for lots not sufficient to satisfy them in full. The certificates thus issued by the local officers are assignable, and also receivable for lands purchased within the limits of the reservation.

The first section of the last-mentioned act extended the time in which payment was required to be made by parties to whom the right of purchase was awarded from twelve to eighteen months next after the expiration of the notice required to be given, as before stated. It also reduced the price of said lots 60 per centum "of the assessed value of said land as placed thereon by said commissioners." Instructions for allowing entries of the awarded lots were sent by this office to the register and receiver of the district land office at Little Rock under date of December 31, 1879, March 16, 1880 (telegram), April 17, 1880, and July 16, 1880. Section 3 of the act of June 16, 1880, forever reserves from sale, and dedicates to public use as parks, the North Mountain, West Mountain, and Sugar Loaf Mountain. Section 4 relates to cemetery lot, and provides that—

Whenever the town of Hot Springs shall procure elsewhere a suitable burying-ground, and shall cause the bodies now buried in the cemetery lot within the limits of said town to be decently removed and reinterred, the title to said cemetery lot shall rest in the corporation of said town, to be held and used forever as a town or city park, and not otherwise.

This office is not advised that any steps have been taken by the town authorities under this provision.

Section 5 requires that "six lots from the unawarded grounds on the Hot Springs Reservation be set apart for the use of the common schools of the corporation of the town of Hot Springs, as sites for school-houses." No action in this respect has been taken, so far as I am advised, nor have any suggestions on this subject been received as yet at this office from the local school authorities as to the proper selections to be made so as best to subserve the interest represented by them and which is to be benefited. This section also authorizes the conveyance of a suitable lot of ground, not exceeding one-eighth of an acre in area, "from that portion of the



Hot Springs Reservation laid off in lots and blocks, and forming part of the town-site, but not awarded to any claimants and not otherwise disposed of by this act, to the Baptist Church of Hot Springs, whose church edifice was destroyed by fire.

The Secretary of the Interior, under date of June 24, 1880, referred to this office an application by J. B. Wood *et al.*, trustees of the Baptist Church, for a certain parcel of land in block No. 134. It appeared, however, that the block applied for contained more than one-eighth of an acre, and as there is no law authorizing the division of lots or blocks, as surveyed and established by the commissioners, the application of said trustees was rejected and they advised that they were at liberty to make a selection of a lot according to the legal requirements as to area.

The seventh section provides for the sale at public auction of the lots and blocks not awarded to claimants and not otherwise disposed of or reserved by the act. No steps have been taken tending to a public offering under this provision and it would seem to be proper that the church and school lots should be set apart and made permanent reservations before such an offering is made.

Up to the 30th of June, 1880, the local officers at Little Rock, Ark., have reported the entry of six lots of those awarded to claimants by the commissioners, for which \$1,640 were paid. This left 1,429 lots which were awarded, and not entered at the close of the fiscal year.

The seventh section of the last mentioned act provides that all moneys received from sales—

shall be held as a special fund for the improvement and care of the present reservation at Hot Springs and of the Hot Springs Creek adjacent to and between the present reservations and for the maintenance of free baths for the invalid poor of the United States.

#### *Detroit Arsenal grounds.*

Provision was made by the act of Congress of March 3, 1875 (18 Statutes, 510), for the transfer of the buildings and grounds known as the Detroit Arsenal, in the State of Michigan, by the Secretary of War, to the custody and control of the Secretary of the Interior for sale for cash, as therein prescribed. This made it necessary that the grounds should be surveyed, but left it in the discretion of the Secretary of the Interior to have them subdivided into tracts of not more than forty acres each, or into town lots with proper streets to render the same accessible. It was further enacted that each subdivision, together with any buildings, building materials, or other property thereon, should be appraised and offered separately at public outcry to the highest bidder, but at not less than the appraised value, after giving at least ninety days' notice of the time and place of such offering in three of the most prominent newspapers published in the State. In case any subdivision or subdivisions should remain unsold at the first offering, it was provided that the sale should be postponed from time to time until all should be disposed of. The arsenal grounds were duly transferred to this department by the Secretary of War, and the necessary action entered upon to carry out the other legal provisions referred to. It was decided to subdivide the grounds into town lots, and these were laid off to the number of 133, with proper streets to render them accessible. The Secretary of the Interior appointed three commissioners, who appraised the lots and buildings, their appraisement being submitted to the Secretary, and by him approved, amounting to \$41,275 for the lots and \$18,900 for the buildings, an aggregate of \$60,175. Notice of the offering was given as prescribed in the act, and the lots, together with the buildings thereon,



were offered at public sale on the 12th of June, 1877. Sixteen lots were then sold, on two of which were buildings. The sale has since been continued by postponements from time to time. During the last fiscal year there have been no sales effected. The total number of lots sold as given in the last annual report is 35, leaving yet to be sold 118, appraised with improvements at \$48,980.

The repeated offerings without sales indicate that there is no demand for the lots at the appraised prices. There is outlay to the government with no proportionate advantages, as the result of continuing the offerings under existing circumstances. In the last annual report it was recommended that Congress should pass a law authorizing a reappraisement of such of the lots and improvements as remained unsold, providing for an offering at public sale of the same at the prices fixed by such reappraisement, and that any not then sold should be thereafter subject to sale at private entry at not less than the appraised prices. That recommendation is respectfully renewed.

*Pawnee Reservation in Nebraska.*

This reservation, comprising 278,837.20 acres, was, after survey and appraisement, brought into market, with certain improvements existing thereon, at public offering, for sale, in tracts not exceeding 160 acres, to the highest bidder, but at not less than the appraised price, and at not less than \$2.50 per acre, according to the act of Congress of April 10, 1876 (19 Statutes, p. 287), the sale beginning on the 15th and ending on the 19th of July, 1878. There were sold at the public offering 13,129.29 acres, with some of the improvements, leaving 265,707.91 acres for sale at private entry, according to the terms of the act. During the fiscal year ending June 30, 1879, 17,254.38 acres were sold at private entry, and during the last fiscal year 36,653.43 acres in addition, making the total area disposed of 67,037 acres, and leaving still undisposed of, July 1, 1880, 211,800 acres. These lands are appraised at prices ranging from \$1.25 to \$6 per acre, but none can be disposed of under the law at less than \$2.50 per acre. The terms of sale are, "one-third cash in hand, and the balance in two equal annual payments, drawing interest at the rate of six per centum per annum from the day of sale." They are subject to entry at the district land office at Grand Island, Nebraska.

*Sac and Fox and Otoe and Missouri lands.*

Under the act of Congress of August 15, 1876 (19 Statutes, p. 208), a portion of the Sac and Fox Reservation, embracing 6,398.20 acres, and a portion of the Otoe and Missouri Reservation, embracing 119,846.17 acres, in the States of Kansas and Nebraska, were after survey and appraisement laid open to sale at the district land office at Beatrice, Nebr., to actual settlers only, in tracts not exceeding 160 acres to each purchaser, at not less than the appraised price and not less than \$2.50 per acre. The terms of sale were fixed at one-third cash, one-third in one year, and one third in two years, with interest at six per cent.

The act of Congress of March 3, 1879 (20 Statutes, pp. 471, 472), amended said act by providing that parties desiring to settle on specific tracts might acquire a preference right to do so within three months by making oath of their intention to settle within that time on the desired tracts before the register or receiver of the district land office, also authorizing the Secretary of the Interior at his discretion to allow addi-



tional time for making the deferred payments, not exceeding one year on each payment.

Sac and Fox lands have been entered as follows: During the fiscal year ending June 30, 1878, 3,120.54 acres; during the fiscal year ending June 30, 1879, 2,398.14 acres; and during the last fiscal year ending June 30, 1880, 725.60 acres; total, 6,244.28 acres, leaving 153.92 acres still subject to entry July 1, 1880. During the same periods there were entered of Otoe and Missouri lands, in the fiscal year first mentioned, 25,423.66 acres; second, 37,777.20 acres; and third, 31,330.20 acres; total, 94,531.06 acres; still subject to entry July 1, 1880, 25,315.11 acres.

*Fort Kearney military reservation.*

This reservation, which was surveyed and laid open to homestead entry under the special act of Congress of July 21, 1876 (19 Statutes, pp. 94, 95), lies partly in the Grand Island land district, and partly in the Bloomington land district, Nebraska. It embraces a total area of 72,240.47 acres. From this, exclude 3,807.51 acres, the area of sections 16 and 36, set apart for schools, and there remain 68,432.96 acres for disposal under said act. The registers and receivers of the district offices were directed to proceed to dispose of these lands by letter of the 9th January, 1878. At the close of the fiscal year ending June 30, 1878, there had been entered 32,914 acres; during the next succeeding fiscal year there were entered 7,514.41 acres, and during the last fiscal year, 12,926.57 acres, making a total of 53,354.98 acres entered, from which it would appear that there still remained in the reservation on the 1st of July, 1880, the beginning of the current fiscal year, 15,077.78 acres subject to entry.

A number of homestead entries having been through error allowed in this reservation for tracts which fall within sections 36, and the entries being held to be illegal for conflict with the grant to the State for school purposes, the following act was passed by Congress proposing a method of relief for the parties, viz:

[PRIVATE—No. 81.]

AN ACT for the relief of certain settlers within the late Fort Kearney military reservation in Nebraska.

*Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled,* That the homestead entries numbered seventy-one hundred and eighty-two, seventy-two hundred and twenty-six, seventy-two hundred and thirty-three, seventy-five hundred and eighty-seven, seventy-nine hundred and twenty, and seventy-nine hundred and twenty-one, made at Grand Island, Nebraska, under the act of Congress of July twenty-first, eighteen hundred and seventy-six, by Morgan T. Martin, Samuel H. McNutt, Allan D. Randall, John J. Brown, Joseph B. Long, and Matthew O. Riley, as actual settlers, in section thirty-six, township nine north, of range fifteen west, and section thirty-six, township nine north, of range thirteen west, within the late Fort Kearney military reservation be, and the same are hereby, confirmed: *Provided,* The State of Nebraska shall, by legislative act, assent thereto; and thereafter the said State shall be entitled to select other lands of equal area for school purposes as indemnity for the lands embraced in said entries, in like manner as by existing law may be done in cases where lands in sections sixteen and thirty-six, appropriated for schools in Nebraska, have been sold, or otherwise disposed of by any act of Congress.

Approved, June 9, 1880.

*Fort Ripley, Minn., military reservation.*

The following is a brief statement of such facts as I deem essential to be considered in connection with the purposes of the act of April 1, 1880, which provides for the appraisal of the buildings and improvements on



the above-mentioned reservation, with the legal subdivisions whereon they exist, prior to the sale of same, and for the restoration to the public domain of such portion of the reservation as is not granted by the act named to the Western Railroad Company of Minnesota, and to such persons as purchased and paid \$1.25 per acre for certain portions of the reservation at the sale of same by the War Department in the year 1857. (See copy of said act below.)

On the 14th of July, 1848, the Secretary of War (Marcy) ordered the establishment of a military reservation at the post then known as Fort Marcy, said reservation to be ten miles square, and to be so located that the fort should be in the center. On the 24th of July, 1848, the Secretary of War ordered a change to be made in the proposed limits of the reservation, making it only one mile square west of the Mississippi River, and four miles by ten miles east of said river. The reservation was laid out accordingly, as shown by report of General G. M. Brooke, October 18, 1848, but was again changed by order of the Secretary of War to include a strip of land between the reservation (as laid out by General Brooke) and the Mississippi River on west bank. September 15, 1849, the reservation was formally made by Executive order, the limits thereof being duly stated.

On the 26th of May, 1857, Secretary of War Floyd appointed J. C. Mather as special agent to examine the reservation with a view to the sale of same. Mr. Mather accordingly examined the reservation, and on the 6th day of July, 1857, submitted his report. Mr. Mather reported the buildings and improvements on the west side to be worth from \$5,000 to \$10,000; that quite a number of settlers were located upon the northwest portion of the reservation *east* of river, and he advised that certain settlers therein named be allowed to purchase not exceeding 160 acres each, covering their improvements, at \$1.25 per acre. On the 27th of August, 1857, the Secretary of War directed, under authority in him vested by act of March 3, 1819 (U. S. Statutes at Large, vol. 3, p. 520), the sale by designated agents of that portion of the reservation lying *east* of the *Mississippi* River. Said agents duly advertised the proposed sale, and notified all persons claiming pre-emption rights or whose claims *had been recognized* by the department to appear before them at Crow Wing on the 19th of October, 1857 (the day before the sale, which took place October 20, 1857), and make payment for their lands at the rate of \$1.25 per acre. The agents made report, dated October 26, 1857, which is the *only* report of the sale that can be found among the papers turned over to this department by the Secretary of War under the act of April 1, 1880. *No statement* in detail of the tracts sold, to whom sold, or the price received for separate tracts appears anywhere, and the only reference to prices received appears in said report, from which I quote as follows: "The sale proceeded quietly until the whole lands so offered were disposed of, at prices varying from one to twenty-five cents per acre; that certificates were issued to a few of the purchasers only. The balance we concluded to withhold until we had made our reports and referred the matter to your consideration for confirmation or otherwise."

It is proper to remark at this point that the claims of no person who paid less than \$1.25 per acre are recognized by the act of April 1, 1880; and the only claims under said act to be adjudicated are those of the persons who on the 19th of October, 1857, paid \$1.25 per acre for lands awarded to them by the War Department through its agents. On the 11th of November, 1857, Secretary of War Floyd "annulled" the sale on account of inadequacy of price received. The gross receipts of the



sale were stated to be \$2,345.37; expense of survey and sale, \$546.35; leaving a balance of \$1,799.02 as net proceeds of sale.

Various applications were made to the Secretary of War during the period from 1860 to 1869, asking that the reservation might be relinquished and opened to settlement; and accordingly on the 6th of April, 1869, Secretary of War Rawlins proposed to relinquish to the charge of the Interior Department all that portion of the reservation lying *east* of the Mississippi River. Under date of December 21, 1869, the Secretary of the Interior Department forwarded to the Secretary of War a copy of letter dated December 15, 1869, from the Commissioner of the General Land Office, stating, in substance, that under existing laws the reservation was *still* within the special jurisdiction of the War Department, as military reservations, when no longer required for military purposes, *could not*, without legislation, be turned over to the Department of the Interior. (See acts of Congress August 18, 1856, 11 Statutes, p. 87, and June 12, 1858, *ib.*, p. 336.) This opinion was concurred in by the Secretary of War. Congress by act of February 28, 1873, directed the sale of the reservation, after an appraisal by a board of Army officers of each piece or parcel of land, with the buildings thereon. Under that act a board of appraisal was appointed, but they never performed the duty assigned to them; consequently *no sale* was ever made under the provisions of said act of February 28, 1873.

On the 2d of August, 1875, that portion of the reservation on the *west* side of the river was relocated by Executive order, and the War Department, by General Order No. 55, directs that all of the land included in the *old* reservation and excluded in the *new* reservation should be held by said department, together with the entire reservation on the east side of river, until disposed of in accordance with act of February 28, 1873.

The reservation having been turned over to this department by the Secretary of War, under the act of April 1, 1880, as given below, proper steps have been taken to ascertain the rights specially protected by that act, to determine on what tracts the government buildings and improvements are situated, and to appraise the tracts, buildings, and other improvements, in order, without unnecessary delay, to give full effect to the provisions of the statute. The buildings and improvements have been found to be on lot 1, the northeast quarter of northeast quarter and west half of northeast quarter of section 7 and lot 1 of section 8, in township 131 north, of range 29 west. These tracts, embracing 174.47 acres, are reported by the appraisers to be worth for the land itself, at \$5 per acre, \$872.35; for the buildings and other improvements, \$3,533.75; making a total for the land, buildings, and other improvements, of \$4,406.10.

The portion of the reservation covered by the provisions of the first section of the act in favor of the *Western Railroad Company of Minnesota* has been ascertained and segregated by survey on the ground officially made and reported.

Under the proviso to the second section, in favor of *purchasers at the sale authorized by the War Department in 1857*, claims have been presented in the names and for the tracts following, viz:

C. H. Beaulien: Northeast quarter of northwest quarter of section 2, township 43, range 32 west, and southeast quarter of southwest quarter of section 35, township 44, range 32 west.

Donald McDonald: Lots 1 of section 23, and 1, 2, and 3 of section 24, in township 44, range 32 west.

S. B. Olmstead: Lots 3 and 4 and southwest quarter of southeast



quarter of section 27, township 43, range 32, and northwest quarter of northeast quarter of section 34, township 43, range 32 west.

Cruttenden & Lynde: Southwest quarter of northeast quarter, southeast quarter of northwest quarter, southwest quarter of northwest quarter, and northwest quarter of southwest quarter of section 25, township 44, range 32 west.

Samuel B. Abbe: Northwest quarter of northeast quarter of section 25, northwest quarter of northwest quarter of section 25, northeast quarter of northwest quarter of section 25, and lot 1 of section 26, township 44, range 32 west.

Allan Morrison: Lot 2, southeast quarter of northeast quarter, northwest quarter of southeast quarter, and northeast quarter of southeast quarter of section 26, township 44, range 32 west.

[PUBLIC—No. 25.]

AN ACT to restore to the public domain the military reservation known as the Fort Ripley reservation, in the State of Minnesota, and for other purposes.

*Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled,* That the Secretary of War be, and he is hereby, authorized and required to turn over to the Department of the Interior all of the military reservation known as the Fort Ripley reservation, in the State of Minnesota, except a strip or tract of land fifty feet in width from the center of the railroad track on each side of said track of the Western Railroad Company of Minnesota, as the said track is located and constructed, being a distance of about fifteen miles across said reservation on the east side of the Mississippi River; together with a tract of land fifteen hundred feet in length and three hundred feet in width for depot and station purposes at the present location of the Fort Ripley side track, the same being for right of way for said railroad as heretofore granted by acts of Congress in the years eighteen hundred and fifty-seven, and eighteen hundred and sixty-five and which is hereby granted for that purpose.

SEC. 2. All the lands embraced in said Fort Ripley reservation hereby required to be turned over to the Secretary of the Interior shall be subject to entry by actual settlers under the pre-emption and homestead laws as minimum lands, of the rate of one dollar and twenty-five cents per acre, from and after the passage of this act. The rights of all actual settlers entitled to the benefits of the pre-emption or homestead laws who now occupy said lands shall date from the day of their actual settlement thereon; and in perfecting their titles thereto under the homestead or pre-emption laws the time such settlers have occupied and improved their said lands shall be allowed: *Provided*, That all persons who purchased and paid for any of said lands at the sale authorized by the War Department in the year anno Domini eighteen hundred and fifty-seven and paid therefor the minimum price of one dollar and twenty-five cents per acre shall be entitled to patents for the same without further payment: *And provided further*, That the Secretary of the Interior shall, prior to offering any quarter section, half quarter section, or quarter quarter section whereon are situate any public buildings or improvements, erected or made by the government, cause the said tracts with the improvements thereon to be appraised by three disinterested persons, and upon his approval of such appraisement shall dispose of said tracts at not less than the appraised value.

SEC. 3. All acts and parts of acts inconsistent with the provisions of this act are hereby repealed, and this act shall take effect and be in force from and after its passage.

Approved, April 1, 1880.

### *Fort Harker military reservation.*

This reservation, which was established by Executive order of November 3, 1866, lies in Ellsworth County, Kansas, and embraces within its exterior limits sections 19, 30, and 31, in township 15 south, of range 7 west; sections 22, 23, 24, 25, 26, 27, 34, 35, and 36, in township 15 south, of range 8 west; section 6, in township 16 south, of range 7 west, and sections 1, 2, and 3, in township 16 south, of range 8 west. The odd-numbered sections 19 and 31, township 15 south, range 7 west; 23, 25,



27, and 35, township 15 south, range 8 west, and 1 and 3, township 16 south, range 8 west, were granted for the Union Pacific Railroad by act of Congress of July 1, 1862 (12 Statutes, 489), which grant attached prior to the order establishing the reservation. It appears, also, that section 36, township 15 south, range 8 west, was embraced in the grant to the State of Kansas for school purposes by act of Congress of January 29, 1861 (12 Statutes, 126), and the title thereto had passed to the State under this grant when the reservation was ordered. Congress provided for the disposal of the public lands within the reservation by the following act, viz:

[PUBLIC—No. 115.]

AN ACT to provide for the disposal of the Fort Harker military reservation.

*Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled,* That the Secretary of War is hereby authorized to turn over to the Secretary of the Interior the Fort Harker military reservation in Kansas for sale, as hereinafter provided.

SEC. 2. The Secretary of the Interior shall cause said reservation to be appraised as early as practicable, in tracts not exceeding one hundred and sixty acres each, by three competent disinterested persons, who shall be appointed by the Secretary of the Interior, and who shall make said appraisement under oath, and upon the approval of such appraisement by the Secretary, he shall offer said reservation for sale by giving such notice as is now required for the sale of public lands. The persons who may have at the date of the passage of this act settled upon and improved said lands, shall have the prior right to purchase the lands so settled upon at the appraised value thereof, not to exceed one hundred and sixty acres, except in the case of a fractional quarter-section to each person, and shall have such reasonable time in which to make payment therefor as the Secretary of the Interior may prescribe. Such portion of said reservation as shall not have been settled upon and improved at the date of the passage of this act shall be sold by the Secretary of the Interior to actual settlers, under such regulations as he may prescribe: *Provided*, That no land shall be sold under the provisions of this act for less than one dollar and a quarter per acre nor at a less price than the appraisal thereof. All sales of land herein provided for shall be made as nearly as practicable under the rules and regulations now existing for disposing of the public lands of the United States.

Approved June 15, 1880.

The sections which were disposed of for railroad and school purposes prior to the establishment of the reservation are by that fact excluded from the operation of this act of June 15, 1880.

The tracts embraced in the remaining sections, viz, sections 30, township 15 south, range 7 west; 22, 24, 26, and 34, township 15 south, range 8 west; 6, township 16 south, range 7 west, and 2, township 16 south, range 8 west, have been duly appraised, according to the provisions of that act, at prices ranging from \$1.25 to \$5 per acre, and they will be offered for sale pursuant thereto without unnecessary delay.

#### *Fort Reynolds military reservation.*

On the 19th June, 1874, Congress passed an act entitled "An act to authorize the sale of the military reservation of Fort Reynolds, in Colorado Territory, and the government buildings thereon" (18 Statutes, p. 85), providing as follows, viz:

That the Secretary of War be, and is hereby, authorized and empowered to transfer to the custody and control of the Secretary of the Interior, for disposition, for cash, according to the existing laws of the United States relating to the public lands, after appraisement, to the highest bidder, and at not less than one dollar and twenty-five cents per acre, the United States military reservation of Fort Reynolds, in Colorado Territory, containing about twenty-three square miles, as set apart and declared by the President, on June twenty-second, eighteen hundred and sixty-eight, including all the buildings heretofore erected by the United States and now being thereon (the said reservation and buildings being no longer needed for military purposes): *Provided*,



That the Secretary of the Interior shall cause the said land to be offered in tracts of not more than eighty acres each, and sold separately at public outcry to the highest bidder, after giving not less than three months' public notice of the time and place of sale in not less than three public newspapers printed and published in said Territory.

The act contained no provision to meet the expenses of the appraisement and sale contemplated, which omission was supplied by the act of March 3, 1879 (20 Statutes, p. 393), appropriating \$5,000 for that purpose.

The reservation in question is situated in township 21 south, of ranges 61, 62, and 63 west, Pueblo land district, in Colorado. Commissioners were appointed by the Secretary of the Interior to make the appraisement, pursuant to the statute, and their report has been received, showing the buildings to be situated on the southwest quarter of southeast quarter section 11, township 21 south, of range 62 west, and giving as the total value thereof \$315. They reported an appraisement of the land by the smallest legal subdivisions at prices ranging from \$1.25 to \$4 per acre. Further steps will be taken to complete the bringing of the land and buildings into market, as provided for, at an early day.

#### *The Dalles military reservation.*

The act of Congress of June 16, 1880, making appropriations for sundry civil expenses of the government for fiscal year ending June 30, 1880 (Pamphlet Statutes, p. 293), provided an appropriation of five thousand dollars for the appraisement and sale of Fort Dalles military reservation in Oregon, and other abandoned military reservations, as provided for, with regard to the reservation specified, in the following previous act, viz:

CHAP. 129.—An act to provide for the disposition of Fort Dalles military reservation.

*Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled,* That the Secretary of War be, and hereby is, authorized to transfer to the custody and control of the Secretary of the Interior, for disposition for cash, according to existing laws relating to the public lands, after appraisement, to the highest bidder, and at not less than the appraised value, nor at less than one dollar and twenty-five cents per acre, the United States military reservation known as the Fort Dalles military reservation at Dalles, in the State of Oregon, as the same was established by order of Brigadier-General W. S. Harney, in the year eighteen hundred and fifty-nine, excepting any portion of said reservation as may have been granted to any settler under the act of Congress making donations of the public lands in Oregon to settlers, approved September twenty-seventh, eighteen hundred and fifty, or which may have been granted under any other act of Congress previous to the time when such military reservation was established.

SEC. 2. That the Secretary of the Interior, if in his opinion the public interests require it, may cause the said lands in said reservation, or any part thereof, to be subdivided into tracts less than forty acres each, and into town-lots, or either; and, in such cases, each subdivision or lot shall be appraised and offered separately for sale to the highest bidder, as before provided, after which any tract or lot so offered, and not sold for want of bidders, shall be subject to sale at private entry at the appraised value.

SEC. 3. That the Secretary of the Interior shall cause the improvements, buildings, materials, and other property, which may be situate upon said reservation, or upon any such tract, or into which the same may be subdivided, to be appraised, and may cause the same to be sold, together with the tract or lot upon which the same may be situate, at not less than the appraised value of the land and improvements, or may, in his discretion, cause the said improvements to be sold separately at public sale at not less than the appraised value, to be removed by the purchaser within such time as the Secretary of the Interior may direct; and if the improvements are offered and not sold for want of bidders, then the Secretary of the Interior is authorized to sell the same at private sale for not less than the appraised value.

SEC. 4. That the land lying between the northern boundary of said military reservation and the northern boundary of the military reservation as established by order of Major G. I. Rains, in the year eighteen hundred and fifty-five, shall be disposed of



under and according to the provisions of title thirty-two, chapter eight, of the Revised Statutes of the United States, except any portion of the same to which there may be a valid pre-emption claim; and all controversies arising under this act in regard to the right or title to any part of said lands, shall be decided by the register and the receiver of the proper land-office, subject to an appeal to the Commissioner of the General Land Office by any person or party interested therein.

Approved, March 3, 1877.

Pursuant to the legislation indicated, a commission was appointed by the Secretary of the Interior for the appraisement of the land and buildings embraced within the reservation, and their report has been received at this office, bearing date the 20th ultimo. The buildings in question, which are situated on the southwest quarter of northeast quarter, and lots 9, 15, and 16, of section 4, township 1 north, of range 13 east, are appraised by the commissioners at \$5,485 in the aggregate. The land is subdivided into small lots, the smallest containing 2.75 acres, and the largest 40 acres. The smallest lot is appraised by the commissioners at the rate of \$400 per acre, and the largest at \$185 per acre. The intermediate lots differ in area from 5.45 acres to 39.60 acres, and their reported values range from \$10 to \$275 per acre.

By special act of Congress, approved June 9, 1880, en        "An act for the relief of Priscilla Watson, it was provided—

That Priscilla Watson be, and she hereby is, authorized, at any time within one year from and after the date at which the body of the land embraced in the Fort Dalles military reservation in Oregon shall be offered for sale pursuant to the act of Congress of March third, eighteen hundred and seventy-seven, to become the purchaser of that portion of the land embraced within the limits of the said reservation upon which she has made improvements, in consequence of an error of survey, and believing the same to be outside of the said reservation and within the limits of her own land, at such a price as the register and receiver of the land-district within which the land is situated shall determine, subject to the approval of the Commissioner of the General Land Office.

Instructions were sent to the register and receiver of the district land office at the Dalles, under date of July 2, 1880, to advise Mrs. Watson of her rights under the act for her relief, and of the necessary proceedings for her to avail herself thereof. The matter of this reservation will receive further consideration at an early date with a view to give effect to the legislation on the subject.

#### *Indian lands in Kansas.*

*Kansas Trust and Diminished Reserve Lands.*—By reference to my annual report for the fiscal year ending June 30, 1879, pages 78 and 79, it will be seen that, under instructions of this office of June 9, 1879, and subsequent dates, to the district officers at Topeka, Kans., issued in accordance with directions from the department, advising this office of their reappraisal under the provisions of the third section of the act of July 5, 1876, these lands, except those tracts which had been awarded to *bona-fide* settlers under the provisions of the act of May 8, 1872, and such other tracts as were entered under the second section of the act of June 23, 1874, were opened to entry by actual settlers, on and after Monday, November 3, 1879, under section 2 of the said act of July 5, 1876, which provides that such settlers may make payment of the appraised value of their lands in six equal annual installments, the first installment payable at date of entry and the deferred payments to draw interest at the rate of 6 per cent. per annum.

As stated in my report for the fiscal year ending June 30, 1878, page 143, only 27 entries were made of these lands under the act of June 23, 1874, covering an area of 2,356.52 acres.



The price per acre having been largely reduced in most instances by the reappraisal, the settlers immediately commenced to avail themselves thereof, and during the first four months succeeding the date fixed upon for laying them open to entry nearly 100,000 acres were disposed of.

It was found, however, in many cases, upon examination of the settlement proof, that the residence of the parties had been so brief and their cultivation and improvements so meager as to utterly fail in establishing their character as *actual settlers*, a condition precedent, under the law, to their right to enter these lands, and it has therefore been held by this office that—

In such cases before patents are issued proof of actual settlement must be produced, showing sufficient residence on the entered tract to satisfy this office of the good faith of the parties as settlers, and applying the rule which obtains in cases under the pre-emption laws, the residence should not be less than six months under ordinary circumstances, as for instance where the improvements shown are not of such exceptional character or extent and value as to be of themselves sufficient evidence of good faith.

On the 16th of March, 1880, Congress enacted a law for the disposition of the two classes of tracts which were excepted from the disposal provided for under the instructions above referred to.

Section 1 of this act has reference to the trust lands which were awarded to *bona-fide* settlers and who were entitled to enter the same under the first section of the act of June 23, 1874, and the first section of the act of July 5, 1876, and provides, first, that those persons who made entries of said lands under said section 1 of the act of June 23, 1874, and failed to make full payment of the purchase money, or the heirs, legal representatives or assigns of such persons shall be permitted to complete the payment for their lands under the new appraisement made by direction of the Secretary of the Interior under the third section of the act of July 5, 1876, and in computing the payment credit is to be given for all sums paid prior to March 16, 1880, as principal and interest, the same to constitute one installment under the reappraisement, the balance to be paid in three equal annual installments, the first payable on or before January 1, 1881, and each of the three installments to draw interest at the rate of 6 per cent. per annum from the time when the last payment was made under the first section of the act of June 23, 1874; and, second, that those persons to whom awards of trust lands were made, but who have failed to make any payment of the purchase money, or their heirs, legal representatives or assigns, *being in possession thereof*, may enter and pay for their lands at the newly appraised value in three equal installments, the first to be paid on or before the 1st day of January, 1881, and the others annually thereafter, with interest at the rate of 6 per cent. per annum from date of entry until paid, and where there is timber on the land parties are required to enter into bond to prevent the waste thereof as required in the first section of both of the former acts; and, third, that where such persons, their heirs, legal representatives or assigns are not in possession of said lands the same may be entered as other of the Kansas Indian lands by actual settlers only.

Section 2 provides that in case of entries made under the second section of the act of June 23, 1874, where payment in part only has been made thereon, the same may be completed at the present appraised value and upon the same terms, credits, and limitations as provided in section 1.

Section 3 extends to all entries and requirements under this act, the terms of the proviso of the second section of both of the former acts relative to default and forfeiture.



## Section 4 enacts that—

Actual settlement on any of said lands shall be regarded as sufficient in all cases where the claimant actually resides on contiguous land to which he holds the legal title, and has heretofore cultivated and made valuable improvements on his adjoining claim in good faith for the purpose of a home for himself.

Proper instructions for carrying out the provisions of this act were issued to the district officers at Topeka, Kans., under date of June 14, 1880, and in the month of July parties commenced making payment for their lands.

*Cherokee Strip.*—By the terms of the act of February 28, 1877, the time allowed actual settlers within which to make entry of their lands and pay therefor expired in March, 1879, and as stated in my last report, page 79, the unsold portions were duly advertised and offered at public sale to the highest bidder, under instructions from this office to the district officers at Independence, Wichita, and Larned, and 7,928.32 acres were sold in the months of July and August. At the close of the offerings, the remainder of these lands, amounting to 252,059.35 acres, became subject to private entry at \$1 per acre. During the fiscal year, there were 80,881.92 acres disposed of, including the 7,928.32 acres sold at public sales in July and August, as shown in the accompanying tabulated statement, leaving unsold at the end of the fiscal year 179,105.75 acres.

*Osage Indian Trust and Diminished Reserve Lands.*—During the fiscal year ending June 30, 1880 and prior thereto, these lands were subject to sale under section 2283 Revised Statutes, for cash only to actual settlers, in quantities not exceeding 160 acres, in accordance with the general principles of the pre-emption laws.

By an act of Congress approved May 28, 1880, the system of payment by installments is adopted, and it is provided in sections 1, 2, and 7, first: that all actual settlers under existing laws shall be allowed sixty days after a day to be fixed by proper public notice, and which day it was specified should not be later than ninety days after the passage of the act, within which to make proof of their claims and pay one-fourth of the amount of purchase-money, the balance thereof to be paid in three equal annual installments thereafter with interest at the rate of five per centum per annum; second: that all of the said Indian lands remaining unsold and unappropriated and not embraced in the class of claims above referred to, shall be subject to sale to actual settlers only, payment to be made as before in four equal annual installments, the deferred payments to bear the same rate of interest.

The first two sections also impose the usual penalty of forfeiture of both the claim and all money paid thereon in case of default in payment of any installment of purchase-money when due; and section 3 provides for the offering at public sale of all lands where such default has continued for a period of ninety days, and that any of said lands so offered and remaining unsold shall thereafter be subject to private entry, for cash, in tracts not exceeding one quarter-section by each purchaser.

Under section 4, these lands, after the first installment of purchase-money has been paid, become subject to taxation, according to the laws of the State of Kansas, and in the event of their sale for taxes ample provision is made for the protection of both the United States and the tax-sale purchaser, also that the settler's right of redemption under the revenue laws of the State of Kansas shall not be impaired by anything contained in the act.

Section 5 gives the register and receiver the same fees and commissions as are allowed by law for the disposal of public lands, provides for the



payment of the expenses of the sales from the receipts thereof, and that the net proceeds shall be placed to the credit of the proper Indian fund. It also directs that the Secretary of the Interior shall make such rules and regulations as may be necessary to carry the provisions of the law into effect.

Section 6 recognizes the operation of the town-site laws as applicable to these lands, provided that proof and payment in full shall be made in case of all claims for entry thereunder before the day fixed upon for public sale as provided in section 3.

Proper instructions were accordingly issued June 21 and July 9, 1880, to the district officers at Independence, Wichita, and Larned, Kans., August 25, 1880, being fixed upon as the time from which actual settlers would be allowed sixty days to make the required proof and payment of the first installment of purchase money, and on the 24th day of October next all lands not disposed of will become subject to sale to actual settlers, as prescribed in the statute.

*Shawnee Absentee Lands.*—By the terms of the first article of the treaty of May 10, 1854, the Shawnee tribe of Indians ceded and conveyed to the United States a tract of land in the State of Kansas, estimated to contain 1,600,000 acres, more or less, which had been designated and set apart for the Shawnees under the second and third articles of a convention made November 7, 1825, by and between the superintendent of Indian affairs and the chiefs and headmen of the Shawnee Nation of Indians, and which tract was conveyed to said tribe (subject to the right secured by the second article of the treaty made at Wapaghkonetta August 8, 1831) by the President of the United States by a deed bearing date the 11th day of May, 1844.

Under the second article of this treaty the United States ceded back to the Shawnees 200,000 acres thereof, certain tracts of which were to be set apart for the use of various religious and educational societies therein mentioned, and selections were to be made for each individual member of said tribe to the extent of 200 acres apiece. The surplus remaining, after providing for the societies referred to and all of the members of the tribe then present, were to be set apart in one compact body, and liberal provisions were made for all such Shawnees as were then absent, but who should return to and unite with the tribe within ten years after the proclamation of the treaty November 2, 1854.

By Presidential proclamation dated March 20, 1863, these lands were ordered to be publicly sold on the 3d day of August, 1863, at the United States land office at Topeka, Kans. Subsequently, however, this sale was postponed indefinitely by reason of the absence of a large number of the aforesaid settlers from their homes in the Federal armies.

On the 7th day of April, 1869, Congress passed a joint resolution, which declared that for many years prior thereto the said lands had been occupied by a large number of white settlers and citizens of the State of Kansas, and that the said absentee Shawnees had absolutely forfeited their beneficial interest therein, by reason of their continued absence from and non-affiliation with the said Shawnee tribe; and provided that each *bona fide* settler occupying said lands at the date of the resolution, and having made improvements thereon, or the heirs-at-law of such, who was a citizen of the United States, or had declared his intention to become such, should be entitled to purchase the land so occupied and improved by him, not to exceed 160 acres, at \$2.50 per acre, under rules and regulations to be prescribed by the Secretary of the Interior.



The district officers at Topeka were accordingly instructed, under date of May 22, 1869, to give notice that all persons who had made settlement on these lands prior to the date of the resolution would be allowed nine months from date of notice within which to make proof and payment (in cash) for their lands.

In November, 1869, a fire broke out in the local office at Topeka which resulted in the total destruction of the official records, in view of which, and the consequent inability of the settlers to prove up within the time specified, the district officers were advised, under date of March 15, 1870, that the time for proof and payment would be extended for sixty days from date of their notice to settlers, which was April 11, 1870.

Pursuant to these instructions a majority of the settlers entitled to these lands came forward and entered and paid for the same.

There are some few tracts, however, which were not taken up under the provisions of this resolution, which, as before stated, recognized such persons only as were *bona fide* settlers at the date of the resolution; and there is no other provision of law for the sale of the residue of the 200,000 acres ceded to the Shawnees under treaty stipulations of May 10, 1854, remaining after the various selections provided for thereby and after the satisfaction of the claim of the returning absentees.

*New York Indian Lands.*—In my annual report for the fiscal year ending June 30, 1878, there will be found on pages 141 and 142 a statement relative to these lands, by reference to which it will be seen that under acts of February 19, 1873, and June 23, 1874, sixteen sections of this class of lands were brought into market and made subject to entry by parties who were actual settlers thereon at the date of the passage of the act first referred to, parties being restricted to 160 acres each, and payment of the appraised value to be made in two equal installments, the first installment payable on or before September 30, 1875, and the second installment within one year thereafter, with interest at the rate of 6 per cent. per annum from the said 30th day of September, 1875. It will also be seen that under these acts only seven entries were made, covering an area of 880 acres, leaving 9,360 acres unsold.

*Miamie Indian Lands.*—On pages 142 and 143 of my annual report for the fiscal year ending June 30, 1878, will be found a statement of the condition of these lands, showing the disposal of 3,698.19 acres, embraced in thirty-six entries, under the acts of March 3, 1873, and June 23, 1874, which provided for their sale to such persons as were actual settlers thereon at the date of the first-mentioned act, for cash, in quantities not exceeding 160 acres, at the appraised value thereof, payment to be made in three equal annual installments, the first installment to be paid on or before October 30, 1874, and the remaining installments annually thereafter, the deferred payments to bear interest at the rate of 6 per cent. per annum from the said date.

In my last annual report, on page 77, I called attention to the fact that there were vacant tracts in each of the last three named classes of Indian lands, which under existing laws could not be sold, and I recommended that proper legislative action be taken providing for their disposal. I understand that bills were introduced at the last session of Congress in conformity with such recommendation, but they failed to pass before the adjournment.



Tabular statement showing the number of declaratory statements filed, entries made, and acres entered, and, in cases where payment is made by installments, the number of receipts and certificates issued for the various classes of Indian lands as indicated, in the State of Kansas, during the fiscal year ending June 30, 1880.

Offices.	Kansas Indian trust and diminished reserve lands. Section 2, act of July 5, 1876.				Cherokee strip. Act of February 28, 1877.		Osage Indian trust and diminished reserve lands. Section 2283 Revised Statutes.			Osage Indian ceded lands. Act of August 11, 1876.				
	Entries.	Area.	Receipts.	Certificates.	Entries.	Area.	Declaratory statements.	Entries.	Area.	Declaratory statements.	Entries.	Area.	Receipts.	Certificates.
	907	Acres. 111,392.55	938	79		Acres.			Acres.			Acres.		
Topeka .....					131	9,851.39	592	293	36,550.17	71	58	6,550.32	1,493	960
Independence .....					713	60,392.12	2,277	1,849	281,598.18					
Wichita .....					74	10,638.41	270	89	13,908.72					
Larned .....														
Totals .....	907	111,392.55	938	79	918	80,881.92	3,139	2,231	332,057.07	71	58	6,550.32	1,493	960

The following exhibits the number of acres embraced in sales of Indian lands during the fiscal year ending June 30, 1880, and the money realized therefrom, viz:

Name.	Acres.	Amount.
Osage ceded .....	6,550.32	\$81,857 27
Osage trust and diminished reserve .....	332,057.07	427,241 00
Kansas trust and diminished reserve .....	111,392.55	50,141 88
Pawnee lands .....	36,653.43	85,716 74
Otoe and Missouria .....	31,330.20	71,488 14
Sioux .....	43,583.54	54,116 63
Sac and Fox .....	725.60	10,107 44
Cherokee strip .....	80,881.92	81,109 13
Total .....	643,174.63	861,778 23



*Work in Division of Public Lands.*—During the fiscal year ending June 30, 1880, there were referred to the public lands division (C) of this office, 35,710 letters. Within the same period the number of letters written, recorded, and mailed was 17,506, which covered 17,000 pages of record. Of the cases of disposals of public lands examined and approved for patenting, the number was 22,125. The number of cases that were examined and posted into the tract books was 279,682. The number of cases suspended for irregularities which were adjudged proper for confirmation, and submitted to the board under sections 2450 to 2457 of the Revised Statutes of the United States, as amended by the act of February 27, 1877, was 487. Of these the board concurred in the adjudication with regard to 475, and non-concurred with regard to 12. Abstracts exhibiting these cases are appended to this report. The clerical work attendant upon the duties of *ex officio* register and receiver with regard to lands in the States of Ohio, Indiana, and Illinois, devolving on the Commissioner by the act of Congress of March 3, 1877, is performed in this division. There was transacted therein a large business of a miscellaneous character, such as the noting in the tract books of the subdivisions of new surveys, the opening books for new land districts, and the necessary proceedings for bringing into market military and other reservations under special acts of Congress.

The following is a statement of work done during the fiscal year with regard to the claims of soldiers and sailors for additional homestead entries, under section 2306 United States Revised Statutes:

Additional homestead claims filed in the General Land Office, from July 1, 1879, to June 30, 1880, inclusive .....	1, 156
Additional homestead claims approved, from July 1, 1879, to June 30, 1880, inclusive .....	751
Additional homestead claims rejected, from July 1, 1879, to June 30, 1880, inclusive .....	229
Additional homestead claims filed, from July 1, 1879, to June 30, 1880, awaiting final action .....	176
Additional homestead claims recertified, from July 1, 1879, to June 30, 1880, inclusive .....	24

*Grants for railroads, wagon-roads, and canals.*

In July, 1872, a division was organized in this office, to which are referred all questions growing out of the adjustment of railroad, wagon-road, canal, and other internal improvement grants.

The examination of settlers' claims in controversy with those of railroad companies forms a large part of the business of this branch of the bureau. The reports of construction of land-grant railroads during the fiscal year show an aggregate of 359 miles, which, taken with those previously reported (15,071.14 miles), makes a total of 15,430.14 miles of such road distributed as follows:

States and Territories.	Miles.	States and Territories.	Miles.
Alabama .....	822	Illinois .....	705. 72
Arkansas .....	620. 16	Indian Territory .....	155
California .....	1, 228. 89	Iowa .....	1, 672
Colorado .....	298	Kansas .....	1, 654
Dakota .....	196	Oregon .....	227
Louisiana .....	152	Texas (where there are no United States lands) .....	342. 87
Michigan .....	1, 005	Utah .....	255
Minnesota .....	2, 389. 50	Washington .....	106
Mississippi .....	406	Wisconsin .....	553
Missouri .....	703	Wyoming .....	400
Nebraska .....	832		
Nevada .....	460		
Florida .....	247	Total .....	15, 430. 14



During the fiscal year there were certified for railroad purposes 1,157,375.01 acres, and for wagon-road purposes 19,485.14 acres, making a total of 1,176,860.15 acres, showing an increase, as compared with the previous year, of 898,526.04 acres. No certifications were made in favor of canals.

Twenty-one patents were issued, covering 219 pages of record, and ten approved transcripts, covering 44 pages. The lists of selections awaiting examination at the close of the fiscal year covered 2,647,740 acres.

In the appropriate place in this report will be found carefully-prepared tables showing the condition of the adjustment of the various land grants at the close of the fiscal year.

Of contested cases there remained in the division, awaiting final action, 1,067, of which 305 had received no action, save to enter them upon the dockets.

Of *ex parte* cases there remained for final action, by actual count, 4,033, of which 3,640 have received no attention, except to enter them upon the records.

The number of letters received was 3,772. There were written 5,745, covering 5,583 pages of record.

Since my last report no decisions involving changes in rulings have been rendered by this office. There have been some important decisions by the department, mainly as to the adjustment of grants where roads were not constructed within the time prescribed in the granting acts, nor upon the lines as definitely located.

*Right-of-way railroads.*—The number of railroad companies claiming the benefits of the act of March 3, 1875 (18 Statutes, 482), granting the right of way over the public lands steadily increases. A table, showing the roads thus far entitled to the benefits of said act, will be found in another part of this report. The examination of the papers and maps filed under this act, and the correspondence resulting therefrom, with the necessary instructions to registers and receivers, forms a considerable portion of the work of the division.

*Railroad grants lapsed by reason of non-completion of roads.*—In former reports I called attention to railroad grants which had expired by limitation, the roads not having been constructed within the time prescribed by law, and recommended legislation looking to a forfeiture or to an extension of time for the completion of the roads. In this connection I embody herein the report made to the Department February 11, 1880, as follows:

DEPARTMENT OF THE INTERIOR,  
GENERAL LAND OFFICE,  
Washington, D. C., February 11, 1880.

SIR: I have the honor to return herewith Senate resolution dated 22d ultimo, which was referred to this office on the following day for report.

The resolution directs the Secretary of the Interior to furnish to the Senate such information as is contained in the books and papers of his department upon the following inquiries:

- ✓ "1. What grants of public lands made by acts of Congress to railroad companies, or to States or Territories in aid of such companies, remain incomplete by reason of the failure of the grantees or their beneficiaries to comply with the terms or conditions of such grants?
- ✓ "2. In cases, if any, where there has been a partial compliance with the terms or conditions of the grants, to what extent has there been such compliance, and to what extent is there a just cause for declaring the forfeiture of the grants, and what reasons of justice, equity, or of public faith, or public policy are there why Congress should abstain from declaring a forfeiture of such grants in whole or in part?
- "3. In cases where the States or companies to which land-grants have been made for the benefit of railroads, and a just cause of forfeiture exists, and where *bona fide* conveyances have been made to purchasers for value, what proportion, as near as



may be, of the lands so granted have been sold to such purchasers; and what further legislation, if any, is necessary to secure to such persons their full equitable right to such lands?"

I have the honor to submit the following in reply:

In the last annual report of this office (page 256) is presented a list of the railroad grants which have lapsed by reason of the failure of the grantees to complete their respective roads within the periods prescribed in the granting acts. The list embraces sixteen roads, and the corporate names thereof, as known to this office, are as follows: Gulf and Ship Island, of Mississippi; Coosa and Tennessee, Mobile and Girard, and Coosa and Chattanooga, of Alabama; Pensacola and Georgia, and Florida, Atlantic and Gulf Central, of Florida; North Louisiana and Texas, and New Orleans, Baton Rouge and Vicksburg, of Louisiana; Saint Louis and Iron Mountain of Missouri; Houghton and Ontonagon, of Michigan; North Wisconsin and Wisconsin Central, of Wisconsin; Saint Vincent Extension of the Saint Paul and Pacific, Hastings and Dakota, and Southern Minnesota, of Minnesota; and Oregon Central, of Oregon.

These constituted the grants then lapsed and incomplete, which, in the opinion of this office were subject to forfeiture. The list, however, did not include the grants by acts of Congress of July 2, 1864 (13 Statutes, p. 365), to the Northern Pacific, and July 27, 1866 (14 Statutes, p. 292), to the Atlantic and Pacific, and Southern Pacific (main line) Railroads, which grants, though coming within the purview of the first inquiry above quoted, were not considered as falling within the category of grants liable to forfeiture. This distinction will be more fully set out hereinafter.

The second inquiry of the resolution calls for a more extended statement, in order to present the facts necessary to a proper answer.

In the annual report of this office for the fiscal year ending June 30, 1877, the subject of lapsed grants was, for the first time, submitted to the attention of Congress, and a list of twenty-one companies which had failed to build their roads within the time fixed in their charters was presented, accompanied by suitable recommendations. It was subsequently found that the list was imperfect in some slight respects, one road having been inadvertently omitted, while another, already completed, was erroneously inserted. Various measures were proposed in Congress, but thus far final action has been effected only in a single case, viz, the Detroit and Milwaukee grant in Michigan, in which instance the reversionary claim or title of the United States was, by joint resolution of March 3, 1879 (20 Statutes, 490), released to the State.

The action of the department, however, awakened in the grantees an interest in their status, resulting, in a few instances, in the speedy completion of the roads, and the production of evidence of other roads theretofore regularly constructed.

The subject was again presented in the annual report for 1878, and again, as stated above, in the last report (1879), the table being properly corrected each year. Since the submission of the last report evidence has been filed of the completion of three roads, leaving, really, only thirteen grants (not including the grants to the Northern Pacific, and Atlantic and Pacific, and Southern Pacific [main line] Railroads) incomplete. The roads referred to as having been completed are Southern Minnesota and Hastings and Dakota, by act of July 4, 1866 (14 Statutes, p. 87), and Saint Vincent Extension of the Saint Paul and Pacific, by acts of March 3, 1857 (11 Statutes, 195), March 3, 1865 (13 Statutes, 526), and March 3, 1871 (16 Statutes, 588), all of which are situated in the State of Minnesota. Of course, as all power in the United States to forfeit these grants has passed, the title to the lands earned must be considered fully vested in the grantees, and they will therefore be dismissed from further consideration.

The Gulf and Ship Island, Coosa and Tennessee, Mobile and Girard, Coosa and Chattanooga, Pensacola and Georgia, Florida, Atlantic and Gulf Central, North Louisiana and Texas, and New Orleans, Baton Rouge and Vicksburg Railroad Companies have manifested no interest in the matter; and, so far as this office is informed, neither intend nor are prepared to prosecute work upon their respective roads. In fact, it is understood that a few of the corporations named do not now exist. Though no evidence has ever been filed, as required by the granting acts, it is believed, however, that the Florida, Atlantic Gulf Central road has been fully completed, and that the Mobile and Girard and Pensacola and Georgia roads have each been partially constructed. If such be the fact, then, of course, their rights to the lands thereby earned should be protected. The others named (with the exception of the North Louisiana Company, which many years ago built ninety-four miles of its road) have done nothing further than to locate their lines of route.

The Saint Louis and Iron Mountain road, under act of July 4, 1866 (14 Statutes, 83), has built upon a line very different from the one called for by the grant and adopted by the company; and it is understood that the company has repudiated the grant and asked to be released from the obligations imposed. Two bills are now pending before Congress respecting this grant, proposing either to declare a forfeiture thereof or donate the lands to the State.

It is claimed by the Houghton and Ontonagon Railroad Company that it proposes and intends to complete the road, and that its failure to do so heretofore has been



caused by the general depression in the iron and lumber business—the chief staples of the upper peninsula of Michigan, in which the completed and unfinished portions of its road are situated. But aside from this claim, nothing further is known respecting this grant.

The North Wisconsin Railroad Company is prosecuting the work of building its road, and evidence of the construction of sixty miles since the expiration of its grant has been filed.

This company is the successor to the Saint Croix and Lake Superior Company, whose main road, located from Saint Croix to Superior City, about one hundred and fifty miles, and a branch to Bayfield, about ninety miles, embrace nearly one and a half million acres. I have no information as to whether the present company intends to build both the main stem and branch, but I am of opinion that legislation defining its rights in that respect should at least be had.

Nothing has been filed touching the Wisconsin Central Railroad grant and it is not known whether or not a further extension of its road is intended. Owing to earlier donations in favor of other roads, very little if any land will be found available under its grant, and with its northern terminus already established upon Lake Superior, it is doubtful whether the company intends or desires to prosecute its work farther.

I have no advices as to what progress has been made in the construction of the Oregon Central Railroad; but no evidence has been filed since June, 1876, showing the construction of any part of it, when it had finished but 47½ miles. The grant to this company May 4, 1870 (16 Statutes, p. 94), is made upon condition, but no clause providing for forfeiture or reversion is inserted. The only remaining grants to be considered are those to the Northern Pacific, Atlantic and Pacific, and Southern Pacific (main line) Railroads. These grants are anomalous in character, and though lapsed, so far as the failure of the companies to perform the acts required and imposed by the respective charters is concerned, are not considered as subject to forfeiture.

In other grants provision was made that in case the roads were not completed within certain specified times the lands unsold or unpatented should revert to the United States, and the effect of such a reservation was considered and elaborately discussed by the Supreme Court, in *Schulenberg vs. Harriman* (21 Wallace, p. 44), where it was held that the provision was no more than a provision that the grant should be void if the condition subsequent be not performed. But no such provision is incorporated in the act granting lands to the Northern Pacific, Atlantic and Pacific, and Southern Pacific (main line) Railroads. In those grants the only power or right reserved to the government will be found in the eighth and ninth sections thereof. The first of those sections imposes certain conditions required to be performed, and the second declares that in case the companies make any breach thereof, and allow the same to continue for upwards of one year, then in such case, at any time thereafter, "the United States may do any and all acts and things which may be needful and necessary to insure a speedy completion" of the roads.

The time for the completion of the Atlantic and Pacific road expired under its charter July 4, 1878. It had then completed 125 miles, 33 of which are situated within the Indian Territory. Nothing further, so far as this office is advised, has been done toward completing the road. The time for the completion of the Southern Pacific Railroad expired also on said 4th July, 1878. It had then constructed 231.92 miles lying between San José and Tres Pinos, in San Benito County, and between Huron, in Tulare County, and Mojave, in Kern County, leaving an intervening section of about 90 miles to be constructed in order to make a continuous line from San José to Mojave. It has also failed to construct its road from this last-named point to the eastern boundary of the State, an estimated distance of about 200 miles.

The question as to when the time for the completion of the Northern Pacific Railroad expired was fully considered and passed upon by the department in its decision of June 11, 1879. It was held that, under sections of the act of July 2, 1864, as modified and amended by joint resolution of May 7, 1866 (14 Statutes, 355), and joint resolution of July 1, 1868 (15 Statutes, 255), the time for the completion of the road did not expire until July 4, 1879, and that, under section 9 of the original act, no proceedings can be taken until one year thereafter, viz, July 4, 1880. This appears to be the only proper construction to be placed upon the grant, and if that be so, then the time when Congress can take action has not arrived; but, as stated above, the grant comes clearly within the purview of the first inquiry of the resolution, for the time within which the road was required to have been completed has already passed.

The company was met, soon after beginning operations, by the financial depression of 1873, by which it was so crippled as to interfere for several years with the progress of its work. It is, however, re-established, and is prosecuting the work begun in 1871, and there is reason to believe that the road will be completed as soon as practicable. It has not alone confined its operations to the eastern end of its line, but has built and graded many miles upon the Pacific coast, and is now engaged in construction both in Dakota and Washington Territory.



The resolution asks, "What reasons of justice, equity, or public faith, or public policy are there why Congress should abstain from declaring a forfeiture of such grants in whole or in part?"

The grants were made to aid in the construction of railroads deemed at the time by Congress feasible and necessary. They were made in a few instances for the purpose of opening up the vast Territories of the West, and in others for the purpose of facilitating inter-State commerce. In some instances work was retarded and interfered with by the rebellion, in others by the general business depression of the whole country for a few years past. As signs of prosperity return, evidences of renewed activity in the construction of railroads also appear. The liberality of Congress has been manifested by numerous acts of late years extending the time for the completion of railroads; and, in my opinion, it would be unwise at this time to deprive any company, which has built a part of its line and is now engaged in completing the balance, of the aid heretofore bestowed and still held in its favor, especially where the rights of third parties are not jeopardized. It should also be borne in mind that numerous settlers, induced by the proposed construction of these roads, and the benefits to be derived therefrom, entered upon the reserved alternate sections under the pre-emption and homestead laws, and acquired title, either by increased payment under the former, or to restricted quantities under the latter laws. To be sure, Congress has attempted by recent legislation to extend relief to such settlers (see acts of March 3, 1875, 18 Statutes, 519, and March 3, 1879, 20 Statutes, 472), but these enactments afford no adequate relief to the majority of the persons who have made their claims valuable by the improvements placed upon them.

While I think that the aid originally granted for the purpose of building railroads should be continued in cases where the companies have as far as practicable constructed their lines in the face of unanticipated difficulties and embarrassments, I am of opinion that, if further time is granted for the completion of such roads, the rights of persons who have settled upon the lands included in such grants should be protected. Large bodies of land have been withdrawn and are still held in a state of reservation to satisfy the grants made when the roads are completed. While withdrawn, such lands were not and are not subject to settlement and entry, but the roads not having been completed, and the time for such completion having long since expired, persons desirous of acquiring homes have settled upon such lands in the belief that the same would ultimately become public lands, and subject to sale and disposal under the laws providing for the sale and disposal of the public domain. If such grants are now extended, and additional time given for the completion of the roads for whose benefit they were made, I think it should be on the condition that the settlements thus made should be recognized.

I know of no reason, however, why there should be an extension of those grants where, thus far, no effort has been made to construct any portion of the road contemplated, or, if any work has been done, the enterprise was long since abandoned, and is not now being prosecuted. In all such cases I think early legislation should be had declaring a forfeiture of the grants. I am not possessed of any information bearing upon the inquiry presented in section 3 of the resolution; but if it be deemed advisable by Congress to declare any of the grants forfeited, I am of opinion that provisions should be incorporated protecting such persons as may have purchased any of the lands to be affected, by either confirming the titles acquired in that manner, or giving to such persons a preference right to purchase the same from the government, limiting, of course, the time in which they should be required in either case to make known their claims.

Though the resolution calls for such information only as is contained in the books and papers of the department, I have been compelled to draw from other sources, and present matters not coming literally within the call.

I submit a statement showing in detail the names of the grantees; States in which the grants are situated; dates of the laws making the grants, with amendments thereto; dates when the grants expired; estimated quantity of lands granted; length of roads constructed, and estimated length of roads proposed.

Very respectfully, your obedient servant,

J. M. ARMSTRONG,  
*Acting Commissioner.*

Hon. C. SCHURZ,  
*Secretary of the Interior.*



Table showing railroad grants, incomplete by reason of the failure of the grantees to build the roads (February 11, 1880).

Names of railroads.	States in which located.	Granted by act—			Granted to—	Alternate sections within—	With indemnity within—
		Approved—	Statute.				
			Volume.	Page.			
						Miles.	Miles.
Gulf and Ship Island*	Mississippi . . .	Aug. 11, 1856	11	30	State . . . . .	6	15
Coosa and Tennessee*	Alabama . . . . .	June 3, 1856	11	17	do . . . . .	6	15
Mobile and Girard*	do . . . . .	June 3, 1856	11	17	do . . . . .	6	15
Coosa and Chattanooga*	do . . . . .	June 3, 1856	11	17	do . . . . .	6	15
Pensacola and Georgia . . . . .	Florida . . . . .	May 17, 1856	11	15	do . . . . .	6	15
Florida, Atlantic and Gulf Central . . . . .	do . . . . .	May 17, 1856	11	15	do . . . . .	6	15
North Louisiana and Texas (formerly Vicksburg, Shreveport and Texas).	Louisiana . . . . .	June 3, 1856	11	18	do . . . . .	6	15
New Orleans, Baton Rouge and Vicksburg.*	do . . . . .	Mar. 3, 1871	16	579	Company . . . . .	20	30
Saint Louis and Iron Mountain† . . . . .	Missouri . . . . .	July 4, 1866	14	83	State . . . . .	10	20
Houghton and Ontonagon (formerly Marquette and Ontonagon). }	Michigan . . . . .	June 3, 1856	11	21	do . . . . .	{ 6	15
		Mar. 3, 1865	13	521			
North Wisconsin (formerly Saint Croix and Lake Superior, and branch to Bayfield). }	Wisconsin . . . . .	June 3, 1856	11	20	do . . . . .	{ 6	15
		May 5, 1864	13	66			
Wisconsin Central . . . . .	do . . . . .	May 5, 1864	13	66	do . . . . .	10	20
Oregon Central . . . . .	Oregon . . . . .	May 4, 1870	16	94	Company . . . . .	20	25
Northern Pacific . . . . .	Various . . . . .	July 2, 1864	13	365	do . . . . .	Various	us . . .
Atlantic and Pacific . . . . .	do . . . . .	July 27, 1866	14	292	do . . . . .	Various	us . . .
Southern Pacific . . . . .	California . . . . .	July 27, 1866	14	292	do . . . . .	20	30

Names of railroads.	Expiration of grant by original act.	Extended by act—			Expiration of grant by extending act.	Estimated quantity of lands granted.
		Approved—	Statute.			
			Volume.	Page.		
						Acres.
Gulf and Ship Island*	Aug. 11, 1866					652, 800. 00
Coosa and Tennessee*	June 3, 1866					132, 480. 00
Mobile and Girard *	June 3, 1866					840, 880. 00
Coosa and Chattanooga*	June 3, 1866					150, 000. 00
Pennsacola and Georgia . . . . .	May 17, 1866					1, 568, 729. 87
Florida, Atlantic and Gulf Central . . . . .	May 17, 1866					183, 153. 99
North Louisiana and Texas (formerly Vicksburg, Shreveport and Texas).	June 3, 1866					610, 880. 00
New Orleans, Baton Rouge and Vicksburg.*	Mar. 3, 1876					1, 600, 000. 00
Saint Louis and Iron Mountain† . . . . .	July 1, 1871					100, 000. 00
Houghton and Ontonagon (formerly Marquette and Ontonagon). }	June 3, 1866	June 18, 1866	13	137	Dec. 31, 1873	552, 515. 00
	June 3, 1871	May 20, 1868	15	252		
North Wisconsin (formerly Saint Croix and Lake Superior, and Branch to Bayfield). }	June 3, 1866	May 5, 1864	13	66	May 5, 1869	1, 408, 455. 69
	May 5, 1869					
Wisconsin Central . . . . .	May 5, 1869	April 9, 1874	18	28	Dec. 31, 1876	1, 800, 000. 00
Oregon Central . . . . .	May 4, 1876					1, 200, 000. 00
Northern Pacific . . . . .	July 4, 1876	May 7, 1866	14	355	July 4, 1879	43, 000, 000. 00
		July 1, 1868	15	255		
Atlantic and Pacific . . . . .	July 4, 1878					40, 000, 000. 00
Southern Pacific . . . . .	July 4, 1878					5, 500, 000. 00



Table showing railroad grants, &amp;c.—Continued.

Names of railroads.	Length of roads reported constructed.	Estimated length of roads as located.	Located—	
			From—	To—
Gulf and Ship Island*	None..	170	Canton .....	Mississippi City.
Coosa and Tennessee*	None..	36½	Gantersville .....	Gadsden.
Mobile and Girard*	+ 84	220	Girard .....	Blakely.
Coosa and Chattanooga*	None..	40	Gadsden .....	Georgia State line.
Pensacola and Georgia .....	+ 150	408	Pensacola .....	Lake City.
Florida, Atlantic and Gulf Central..	+ 60	60	Jacksonville .....	Do.
North Louisiana and Texas (formerly Vicksburg, Shreveport and Texas).	94	160	Mississippi River, opposite Vicksburg.	Texas State line.
New Orleans, Baton Rouge and Vicksburg).*	.....	300	New Orleans .....	Shreveport.
Saint Louis and Iron Mountain†....	.....	75	Pilot Knob .....	South boundary of State.
Houghton and Ontonagon (formerly Marquette and Ontonagon).	§ 63	115	Marquette .....	Ontonagon.
North Wisconsin (formerly Saint Croix and Lake Superior, and branch to Bayfield).	60	{ 150 90	Saint Croix branch .....	Superior City.
Wisconsin Central .....			Main stem .....	Bayfield.
Oregon Central .....	47½	118	Portage City via Bayfield ..	Superior City.
Northern Pacific .....	530½	....	{ Portland .....	Yamhill River.
Atlantic and Pacific .....	125	....	{ Junct'n near Forest Grove ..	Astoria.
Southern Pacific .....	231. 92	520	Lake Superior .....	Puget Sound.
			Saint Louis .....	San Francisco.
			San José .....	Eastern boundary of State.

\* No existing corporation known to this office.

† Grant never accepted, and road built in another direction.

‡ Information derived from various sources; no official reports of construction received.

§ But 20 miles have been officially reported.

I submit in full the following decisions, &c., affecting railroad grants :

#### SOUTHERN PACIFIC RAILROAD COMPANY *vs.* JAMES NEWTON.

Occupation and use of land for purposes other than cultivation, &c., do not constitute a pre-emption claim, and will not defeat the grant to the company.

DEPARTMENT OF THE INTERIOR,  
Washington, February 5, 1880.

SIR: I have considered the case of the Southern Pacific Railroad Company *vs.* James Newton, involving the northeast quarter of section 35, town 17 south, range 27 east, M. D. M., Visalia, Cal., on appeal from your decision of July 31, 1879, awarding the land to Newton. The township plat was filed in the local office November 9, 1870. This tract is within the limits of the grant to the Southern Pacific Railroad Company. Newton claims under the provisions of the pre-emption law, alleging settlement September 15, 1868, and the question involved is whether said tract is excepted from the operation of the grant, by reason of being in the occupation of an actual settler, at the date of the passage of the joint resolution dated June 28, 1870. If Newton was a qualified pre-emptor, and was an actual settler, as a pre-emptor at that date, the tract was excluded from the grant.

There appears to be little or no dispute in regard to the facts in this case.

In September, 1868, Newton occupied an abandoned house called the "Everton house," located on the southwest quarter of said section 35. He opened a limestone quarry and built a limekiln on the northeast quarter of section 35, the tract in dispute. He resided in the Everton house until the spring of 1870, but worked upon the northeast quarter, quarrying limestone and burning and selling lime. In the spring of 1870 he built a house on the northeast quarter near his limekiln, which he occupied; also a barn. In 1870 he plowed ten acres of the land, fenced it with a brush fence, sowed barley, and raised a crop sufficient to feed his horses for six months; he also attempted to raise a crop on the same land the next year, but it was a failure.

These were the only two crops he attempted to raise, and this the only tract of land he attempted to cultivate from the time he occupied the land until the date of trial.



In the year 1874, or in 1875, he removed from his house on the land in dispute, converting the same into a storehouse and blacksmith shop, and took up his residence in the Everton house, on the southwest quarter of said section. His failure to comply with the requirements of the pre-emption law does not appear to have been the result of poverty or necessity. He was continually manufacturing lime and selling the same, had horses and teams, employed men to work for him, hired his team to other parties, and for one or two years raised crops on shares on another person's land.

In August, 1875, he entered into partnership with Leon Guggerheim, for the purpose of manufacturing lime, and executed a lease to him of his property for one year. In March of 1876, as the result of a quarrel between Newton and Guggerheim, the latter forcibly dispossessed the former of the occupation of the tract in dispute.

Newton asserts that he claimed the land as a pre-emptor from date of settlement; that he intended it for a home, and a few months before the hearing, which was in November, 1878, he returned to the tract, erected a house, and was residing therein at the time of trial. In view of the facts above recited, I am of the opinion that Newton had no rights as an actual settler under the pre-emption law, June 28, 1870. From September 1868, to March 1876, he occupied the land and used that portion of the same which he desired, to carry on his business of manufacturing lime, which he sold in the market. He utterly failed to cultivate and improve the land as required by the pre-emption law; he also failed to reside thereon except as his interest dictated, removing from the land and converting his house into a blacksmith's shop for convenience.

The evidence clearly shows that he occupied the land because it was a desirable place to carry on his business of manufacturing lime. He was an occupant of the land, but in no sense a pre-emptor according to a correct definition of that term. The fact that a pre-emption claim was asserted in 1870, when the land was surveyed, does not constitute said claim a valid one in the absence of a compliance with the requirements of the law on the part of the settler. Your decision is therefore reversed, and the papers in the case are herewith returned.

Very respectfully,

C. SCHURZ,  
*Secretary.*

The COMMISSIONER OF THE GENERAL LAND OFFICE.

## FREDERICK DERSCH VS. THE CALIFORNIA AND OREGON RAILROAD COMPANY.

A selection, in 1862, as indemnity school land was void because the land in lieu of which it was taken was "in place." But Dersch was a purchaser from the State, in good faith, prior to the passage of the act of July 23, 1866, which confirmed the invalid selection, and the land did not pass under the subsequent grant to the company.

DEPARTMENT OF THE INTERIOR,  
*Washington, February 24, 1880.*

SIR: I have considered the case of Frederick Dersch *vs.* The California and Oregon Railroad Company, involving the southeast of northwest quarter, southwest of northeast quarter, northwest of southeast quarter, and northeast of southwest quarter of section 1, township 30 north, range 3 west Mount Diablo meridian, Shasta, California.

The first important question to be determined in this case is the *status* of the land at the date of the grant to the railroad company, July 25, 1866, and at the date of the identification of the land granted, or definite location of the road, September 13, 1867.

The township plat of survey was approved January 19, 1856.

There was no homestead or pre-emption claim to the tract September 13, 1867, and it passed to the company under its grant, unless it was otherwise excepted therefrom.

The evidence shows that it was selected by the State of California as indemnity school land in 1862. Said selection, however, was void, as the land in lieu of which it was selected, was ascertained to be in place.

The evidence also shows that Frederick Dersch purchased the same, in good faith, from the State of California, and completed the payment therefor prior to July 23, 1866.

It is claimed that the land was confirmed to the State by the act of July 23, 1866.

Said selection was filed in the local office in June, 1871, and it is alleged by counsel for the railroad company that said notice was not the notice required by the act, as it was not filed immediately after the passage of the act of 1866, hence that said tract was not confirmed.

Toland *vs.* Mandell, 38 Cal. 30, and Huff *vs.* Doyle, 3 Otto, 558, are cited in support of this proposition.

A careful examination of the act and of the above mentioned authorities, will not, in my opinion, justify this conclusion.



In *Toland vs. Mandell* the supreme court of California, in discussing the provisions of this act, say:

"The act does not confirm to the State all the lands which may have been selected by her, but only such as had been *selected* and *sold* to purchasers, *in good faith*, under her laws; and such selections, even, are not confirmed if, at the date of the passage of the act (July 23, 1866), there had attached to the land any pre-emption, homestead, or other right in favor of any settler, under the laws of the United States, or if the land was within any naval, military, or Indian reservation, or mineral, or claimed under a Mexican or Spanish title, or within the limits of any city, town, or village, or the county of San Francisco, or in excess of the quantity of land to which the State is entitled for improvement and school purposes under existing laws. \* \* \* So this act confirming selections made by her, contrary to the laws of the United States, does not vest in her the title to any specific selection. That cannot happen until after the selection has come before the proper officers of the general government, and, after examination, has been declared by them of the character described in section 1—that is to say, not within any of the exceptions there stated—and that the land has been sold to purchasers in good faith, under the laws of the State. \* \* \* In effect the act amounts to nothing more than a direction to the Land Department of the general government to recognize and approve such selections as had been made by the State, under her laws, and contrary to existing laws of the United States, so far as they may appear, upon examination, to have been made upon lands which, at the dates therein-after provided, were open to selection by her; or, in other words, not included in any of the exceptions enumerated in the first section. To this effect the first section is necessarily limited by the succeeding sections. The second section provides that the State, through her officers, shall notify the register of the United States Land Office of all selections which have been made by her upon surveyed lands in their respective districts. The selection is made to date from the date of such notice, and if at that date there is no valid objection to it, under the first section, the selection is to be allowed; or, in other words, confirmed, and not otherwise."

Referring to the first section of the above citation from the opinion of the court, but one conclusion can be drawn, viz, the act does confirm to the State all the lands which may have been selected by her and sold to purchasers in good faith, if, at the date of the passage of the act of 1866, there had attached to the land no pre-emption, homestead, or other right, designated in the first section of the act. This interpretation is fully confirmed by the closing paragraph of the above citation, viz:

"The selection is made to date from the date of such notice, and if at that date there is no valid objection to it, under the first section, the selection is to be allowed, or, in other words, confirmed." That valid objection is specifically described in the first section of the act.

Did such objection exist, so far as the tract involved in this controversy is concerned, at the date of the passage of the act of July 23, 1866? It certainly did not, for the reason that no adverse pre-emption, homestead, or other right thereto had, at that date, been acquired by any settler under the laws of the United States; neither had the tract been reserved for naval, military, or Indian purposes by the United States; neither was it mineral, nor claimed under a Mexican or Spanish title; nor was it within the limits of any city, town or village; nor within the limits of the county of San Francisco. Therefore at the date of the notice of selection there was no valid objection thereto, and the same was confirmed.

It has been alleged that because the land for which lien was taken has been found to be in place, that said selection cannot be confirmed, as in that event the grant to the State for school purposes would be increased to an amount in excess of what she is entitled to by law.

I do not think, however, that this objection is a valid one. It is simply a truism to repeat that, if the selection was valid in all respects, the confirmatory act has no reference to it. The selection was void because the school land was in place, and, being void, it required the confirmatory act to give effect to the same. It is provided in the first section of the act of July 23, 1866, "that the State of California shall not receive, under this act, a greater quantity of land for school or improvement purposes than she is entitled to by law." This proviso to the act must be enforced when the final adjustment of the school grant is made. To hold a lien selection is void, because the land is in place, and that said illegal selection is not confirmed because of that fact, is to make a nullity of the act of July 23, 1866, in so far as it relates to selections invalid for that reason.

The tract in question was confirmed to the State prior to the date of the passage of the act of July 25, 1866, making a grant to the railroad company; hence it was not subject to the operation of that grant, and the claim of the company must be rejected. Your decision is affirmed, and the papers in the case are herewith returned.

Very respectfully,

C. SCHURZ,  
Secretary.



## SOUTHERN MINNESOTA RAILWAY EXTENSION COMPANY.

By act of July, A. D. 1866, a grant of lands was made to the State of Minnesota to aid in the construction of a railroad from Houston, through certain counties, to the western boundary of the State; and by act of the legislature the State accepted the grant and conferred it upon the Southern Minnesota Railroad Company, with the requirement that the road should be built to certain towns in the counties named in the granting act. That company had meantime surveyed and fixed the line of route, and maps, duly adopted and certified, showing the same, were duly filed in the General Land Office. The route did not, however, conform to the legislative act aforesaid. The company built a portion of the road, but the period prescribed in the granting statute within which the whole road was required to be completed having expired, the State resumed the grant, and conferred it upon the Southern Minnesota Railway Extension Company, re-enacting the previous requirements. The last-named company has constructed forty-three miles of road, but upon a line of route different from that adopted by the old company. *Held:*

1. That no action having been taken by the United States, either legislative or judicial, to enforce a forfeiture of the grant and revest the title, patents must issue for the lands earned by the construction of the road, notwithstanding it was built since the time fixed by the granting act for the completion of the whole line.
2. The location in 1866, before the acceptance of the grant by the State, was not such as could bind the road or any other parties interested, and the legislative requirement that the road should be built to certain points was a statutory modification of the location; and the construction by the last company upon a line differing from the original line of survey only so far as was necessary to cause it to conform to the requirements of the legislative act does not affect the grant or the rights of the State thereunder.

DEPARTMENT OF THE INTERIOR,  
*Washington, December 5, 1879.*

SIR: I transmit herewith a copy of the opinion of the Attorney-General, dated the 29th ultimo, in reply to certain inquiries submitted by me February 19 last, in connection with the application of the governor of Minnesota to have certain lands certified for the benefit of the Southern Minnesota Railway Extension Company.

It will be observed that the Attorney-General is of the opinion that the lands opposite the four sections of 10 miles each constructed since February 25, 1877, the date when the grant became subject to forfeiture, should be certified to the State, in view of the fact that no act, legislative or judicial, has been taken to revest the title of the United States.

I concur in this opinion, and your office will be governed accordingly in the adjustment of the grant. The papers and maps submitted are herewith returned to your office.

Very respectfully,

C. SCHURZ,  
*Secretary.*

The COMMISSIONER OF THE GENERAL LAND OFFICE.

DEPARTMENT OF JUSTICE,  
*Washington, November 29, 1879.*

SIR: Your letter of February 19, 1879, informs me that by an act of Congress approved July 4, 1866 (14 Statutes, 87), there was granted to the State of Minnesota certain lands to aid in the construction of a line of railroad from Houston, through the counties of Fillmore, Mower, Freeborn, and Faribault, to the western boundary of the State. This grant was accepted by the legislature of the State of Minnesota February 25, 1867, and the lands in question granted to the Southern Minnesota Railroad Company.

Maps of the definite location of this road were approved by the board of directors of the company, and filed in the General Land Office, as follows: From a point in township 104, range 8 west, to a point in township 103, range 18 west, adopted by resolution of the board of directors of the company January 1, 1867, received at the General Land Office February 11, 1867. From a point in township 103, range 18 west, to a point in township 104, range 37 west, adopted by resolution of the board of directors November 29, 1866, and received at the General Land Office December 10, 1866. From a point in township 104, range 37 west, to a point in township 104, range 39 west, adopted by resolution of the board of directors October 24, 1866, received at the General Land Office December 10, 1866. From a point in township 104, range 39 west, to the western boundary of the State. Survey ordered by resolution of the board of directors December 2, 1869, and the map received at the General Land Office May 4, 1871.

The company constructed the road from Houston to Winnebago City, in township 104, range 28 west, prior to February 25, 1877, at which date, in the event of a failure to complete the road, it was provided that the lands granted and not patented should revert to the United States. (See the proviso to the fourth section of the act of July 4, 1866, above mentioned.)

By an act of the legislature of the State of Minnesota, approved March 6, 1878, all the lands, rights, powers, and privileges granted to and conferred upon the State of Minnesota by the act of Congress approved July 4, 1866, appertaining to the uncom-



pleted line of road of the Southern Minnesota Railroad Company (viz, the line from Winnebago City to the western boundary of the State), were granted, transferred, and vested in the Southern Minnesota Railway Extension Company, under certain conditions, among others that the road should be constructed to the village of Jackson, in Jackson County, before the end of the year 1879, and to the west line of the State before the end of the year 1880.

The Department of the Interior is in receipt of a map, and accompanying evidence, establishing the fact that the Southern Minnesota Railway Extension Company, between April 16, 1878, and December 2, 1878, constructed a line of railroad from Winnebago City (the western terminus of the road constructed prior to February 25, 1877) to a point in township 102, range 35 west, in Jackson County, a distance of forty-three continuous miles of road. From Jackson to the western boundary of the State is a distance of nearly one hundred miles; and under the act of the Minnesota legislature, approved March 6, 1878, the road must be completed to the west line of the State before the end of the year 1880. It appears by your letter that the governor of Minnesota has filed with the department a request for a patent to the State of the lands granted opposite the four sections of constructed road of ten consecutive miles each, between Winnebago City and the village of Jackson, in Jackson County, as provided in the fourth section of the granting act.

You state that you have hesitated to comply with this request, as the time provided in the granting act for the completion of the road expired February 25, 1877, ten years from the date of the acceptance of the grant by the State of Minnesota.

The line of road constructed in the year 1878 by the Southern Minnesota Railway Extension Company, deviates from the line of definite location of the road adopted by the board of directors of the Southern Minnesota Railroad Company, November 29, 1866. At Jackson, the western terminus of the road, the variation is ten miles. East of that point, and between the same and Winnebago City, the variation is from one to six or eight miles from the line as located in 1866.

It will be observed that the granting act only designated through what counties the road shall pass east of and including Faribault County.

In view of these facts you submit to me the following questions :

"1. Is this department authorized, under the law, to issue patents to the State of Minnesota for the lands opposite that portion of the road constructed in sections of ten consecutive miles each since February 25, 1877, the date at which, according to the fourth section of the act of July 4, 1866, it was provided in the event that the road was not completed, that the lands not patented should revert to the United States?"

"2. Should the department accept proof of the construction of the road on a line different from the one originally adopted and approved, if constructed within the limits of the grant as first located?"

1. *As to the effect of the proviso to the fourth section of the act of July 4, 1866.*

While the part of the road to which your inquiries relate was not completed within the time limited by law, no attempt has been made to enforce any forfeiture of the lands granted to the State of Minnesota, or by any means, legislative or other, to revest the title in the United States. The question whether the State of Minnesota may still claim, under the act of Congress, lands which have been earned by the construction of the road since the expiration of the period is determined by the case of *Schulenberg v. Harriman* (21 Wall., 44). This was the case of a grant of lands to the State of Wisconsin, to aid in the construction of a certain railroad within that State, by an act of June 3, 1856. The language there used in reference to the condition upon which the grant might be defeated by non-completion of the road within ten years was as follows: "No further sales shall be made, and the lands unsold shall revert to the United States." The road had not been completed within the time required for its construction which had not been extended, and Congress had passed no act, nor taken any judicial proceeding to enforce any forfeiture of the grant for failure to construct the road within the period prescribed. Upon this state of facts it was held that a present interest was passed by the grant to the State of Wisconsin, that the proviso was in the nature of a condition subsequent; that the prohibition against further sales if the road were not completed added nothing to the force of the proviso, because a cessation of sales was necessarily implied in the condition that the lands should revert, but that if the condition were not enforced the power to sell continued as before its breach, limited only by the objects of the grant and the manner of sale prescribed by the act; and that, as no action has been taken either by legislation or judicial proceedings, to enforce a forfeiture or revest the title in the United States, that title remained in the State as completely as it existed on the day that the title by location of the line of the railroad acquired precision and became attached to the adjoining alternate sections. In direct answer to your inquiry upon this point, I therefore reply that the department is authorized by law to issue patents to the State of Minnesota opposite that portion of the road constructed in sections of ten consecutive miles February 25, 1877, the date at which, according to the fourth section of the act of July 4, 1866, it was provided in the event that the road was not completed, that the lands not



patented should revert to the United States, and this for the reason above stated that no act, legislative or judicial, has been taken to revest the title of the United States.

Supplementary to this inquiry, I perhaps should add that, on examination of the relations between the Southern Minnesota Railway Extension Company and the Southern Minnesota Railroad Company, it appears that the title granted to the old company was forfeited to the State of Minnesota by reason of the fact that the conditions annexed to it were not performed; and that this forfeiture was impliedly asserted in the act making a grant to another company. (*Farnsworth vs. Minnesota and Pacific Railroad Company*, 2 Otto, 50.)

2. *As to the effect of change of line.*

So far as the lands now in question are concerned, it is not important whether the road was completed on the location of 1866 or whether it is completed on the present constructed line, since, under the terms of the grant, precisely the same lands will be found in place within the ten-mile limit in either case. They are alike within ten miles of the location of 1866, and ten miles of the constructed road. The fact that if the constructed line had been the line of original location other lands in addition to these now sought would have been withdrawn from the market, cannot affect the question of the right to these lands, which actually were withdrawn from the market.

How far a railroad is authorized, after having made and filed a map of its location, to change such location and build upon a new and different line, does not seem necessary to be considered in the present case.

The facts in the present case, as they appear from your statement and an examination of the legislative act, indicate that there was no proper location by which the road, or any other parties interested, could be bound until after the act of the State legislature of February 25, 1867. A location was made in 1866, after the act of Congress had been passed granting the lands to the State of Minnesota, but before the legislature had accepted the trust connected with the land grant. That location is what is termed the old line or location of 1866. The maps of this location were transmitted by the governor to the Secretary of the Interior December 4, 1866. When, however, the legislature of the State accepted the grant—which was on February 25, 1867—the act by which they accepted it (referred to in your letter) required the line as constructed to run to Fremont and thence to Jackson.

This was a legislative modification of the line which constituted a statutory direction to its own officers, and to the company, and appears to have been fully understood at the General Land Office. The road cannot be considered to have received an official definite location until after the acceptance by the legislature, which acceptance contemplated this modification. The present constructed road appears to deviate only from the original survey to such an extent as was necessary to cause it to conform to the requirements of the legislative act. Waiving, therefore, as before indicated, any discussion of the question how far railroads which have filed locations are generally authorized in construction to deviate therefrom, I answer your inquiry by saying that the department should accept proof of the construction of the road, although on a line different from the one originally approved, and certify the lands in question.

Very respectfully, your obedient servant,

CHAS. DEVENS,  
*Attorney-General.*

Hon. CARL SCHURZ,  
*Secretary of the Interior.*

MCGREGOR WESTERN RAILROAD COMPANY.

*Line of route.*—In order to entitle a railroad company to the benefit of the lands granted in aid of its construction it is necessary that the road should be constructed according to the line of route as definitely located. Whether a road constructed is or is not the road as definitely located, is a question for the Interior Department to determine, and one which must be largely within the discretion of the Secretary.

While a State to which lands have been granted in aid of a railroad may resume the grant and confer it upon another company, it cannot legislate so as to affect the rights of the United States.

DEPARTMENT OF JUSTICE,  
*Washington, February 2, 1880.*

SIR: In regard to the question submitted by your letter of the 7th ultimo, the following facts appear:

By an act of Congress approved May 12, 1864, there was granted to the State of Iowa, "for the use and benefit of the McGregor Western Railroad Company, for the purpose of aiding in the construction of a railroad from a point at or near the foot of Main street, South McGregor, in said State, in a westerly direction, by the most practicable route, on or near the forty-third parallel of north latitude, until it shall intersect the said road running from Sionx City to the Minnesota State line, in the county of O'Brien, in said State, every alternate section of land designated by odd numbers for



ten sections in width on each side of said roads; but in case it shall appear that the United States have, when the lines or routes of said roads are definitely located, sold any section or any part thereof granted as aforesaid, or that the right of pre-emption or homestead settlement has attached to the same, or that the same has been reserved by the United States for any purpose whatever, then it shall be the duty of the Secretary of the Interior to cause to be selected for the purposes aforesaid, from the public lands of the United States nearest to the tiers of sections above specified, so much land in alternate sections or parts of sections, designated by odd numbers, as shall be equal to such lands as the United States have sold, reserved, or otherwise appropriated," &c. (13 Statutes, 72.)

This grant was accepted by the State of Iowa by an act of her legislature dated April 20, 1866, and so much of it as pertains to the line of road now under consideration conferred upon the McGregor and Western Railroad Company. Prior to the date of such acceptance, and on August 30, 1864, said company filed in the General Land Office a map designating the general route of its road from McGregor to a point in O'Brien County, so as to form a junction with the proposed line of the road from Sioux City to the south line of the State of Minnesota. On January 27, 1869, the McGregor and Sioux City Railroad Company, the successor of the McGregor and Western Railroad Company, filed in the General Land Office a duly-certified map of the definite location of the line of its road from a point in section 12, township 95, range 35, to a point in section 18, township 96, range 38.

On September 2, 1869, said company filed another map of the definite location of its road from a point in section 18, township 96, range 38, to the point of intersection with the Sioux City and Saint Paul Railroad. Both of these two latter maps show a change of the line of the road from the one originally located. An examination of the diagram accompanying your letter will show that the western terminus of the line of road as originally located is a few miles to the southeast of Sheldon, the point where the road from Sioux City to the south line of Minnesota enters O'Brien County.

A withdrawal of lands was made on the lines of the road as represented upon the diagram referred to, in accordance with the terms of the granting act.

Between the dates of the filing of the two last-mentioned maps, and on March 27, 1869, the McGregor and Sioux City Company asked leave to change the line of its road as located in 1864 west of range 27. The reason for asking this change was stated as follows:

"This change becomes necessary for them to make by reason of the Sioux City and Saint Paul Railroad having changed their line northerly and westerly, so as to make the point of intersection nearly four townships more northerly and westerly than the originally proposed or supposed point of intersection. To this end we beg permission to file a new map, showing our location changed as proposed, or to amend the one already on file."

With this request a map was filed designating the line of proposed route nearly identical with the line of road as constructed.

Under date of May 10, 1869, your predecessor, Hon. J. D. Cox, declined to comply with this request, for the following reasons, viz:

"After a road has been definitely located, the map thereof filed here and accepted, and the lands withdrawn, no specific authority is given whereby this department can accept another location; and in the absence of such authority, I must decline to give my approval to the map now presented."

Notwithstanding this decision the map filed in January preceding was permitted to remain on file as designating the line of road thereon delineated, and an additional map was accepted in September following to complete said line to its junction with the Sioux City and Saint Paul Railroad Company.

The road not having been completed by either of the first two companies upon which the grant was conferred farther west than Algona, township 95, range 29, within the time required by law, the State resumed the grant, and by act of her legislature dated February 27, 1878, conferred it upon the Chicago, Milwaukee, and Saint Paul Railroad Company.

By the latter act said company was required to construct the road from Algona to Emmetsburg, and thence by way of Spencer to a point of connection with the Sioux City and Saint Paul Railroad at the town of Sheldon.

An examination of the diagram mentioned will show that in order to reach the point above named the road must deviate from one to five miles from the lines of definite location as designated on the maps filed in the General Land Office in 1864 and 1869, on which the lands were and still remain withdrawn.

This entire line of road, however, has been constructed, and the State, through her proper agents, now asks that the lands inuring to her under said grant may be patented.

In his letter of the 19th ultimo, the Acting Commissioner of the General Land Office, in submitting a report in relation to the application of the State for a patent of the lands inuring to her under this grant, says: "It is well known that many of the rail-



roads built by aid of land grants have departed in a greater or less degree from the lines as adopted and definitely fixed, and that the adjustment of such grants have proceeded without reference to any deflections the grantees saw proper or necessary to make; but the rulings and decisions upon the subject by this office have been to the contrary, invariably declining to authorize any material or important deviation from the adopted routes; and these decisions cover a period of more than twenty years, and, so far as I have been able to determine, are uniform in their expressions."

Your communication submits the question whether, in adjusting the grant above mentioned, the State is entitled to demand and receive, as granted and indemnity lands, lands within ten and twenty miles of the line of said road as definitely located, or whether she must take such lands within ten and twenty miles of the road as constructed.

Your subsequent letter of the 20th ultimo refers to that of the 7th, submitting a statement of facts upon the grant to the State of Iowa, approved May 12, 1864, to aid in the construction of two lines of railroad therein mentioned, and makes an additional statement of facts not mentioned in that letter, and at that time not known to the officers of your department. You inclose in the later letter a brief of the counsel for the railroad and a copy of the report of the Commissioner of the General Land Office, to whom the same had been referred.

From that report it appears that the change of location of the line of said road made in 1868 and 1869 was made by direction of the Commissioner of the General Land Office, and not simply on the election of the company then claiming the grant made to the State so far as it had reference to that road. It also appears that since said locations of 1868 and 1869 were made, the line as marked out by them from the point where it departs from the location of 1864 has been the recognized line of said road by your department, and the lands along the same have been withdrawn from it. The road, however, has not been constructed on the line as thus changed, and although the change made in 1868 and 1869, so far as the company is concerned, seems to have been fully justified, having been directed by the Commissioner of the General Land Office, it does not appear, in your opinion, to affect the question submitted in your previous letter.

That question you restate in the following terms: "Whether, under the grant, the company, after having located its line, either by the direction of this office or upon its own selection, and the lands having been withdrawn on the line so directed or selected, may build its road on a different line, and demand and receive the lands which would have inured to the grant on the line as located."

Taking your communications together, they apparently submit two questions:

1. Whether, assuming the road to have been definitely located, according to the location of 1868 and 1869, and to have been constructed upon a different line, the State is now entitled to the benefit of the grant.

2. Whether, in adjusting the grant (if it be entitled to the benefit thereof), the line of definite location is to be regarded, or the line upon which the road was actually constructed.

These inquiries dispense with any consideration of whether the steps preliminary to the location of 1868 and 1869 were regular, and assume that to have been the line of definite location.

It is suggested by the counsel for the road, both in their brief and in the oral argument, that as there are not sufficient public lands east of Algona to satisfy the grant with reference to the line constructed to that place, the State has a right to select lands west of the same in lieu thereof; but that is not the question presented for my consideration, and I have deemed it unnecessary to discuss it, as I desire to confine myself to the inquiries proposed by you.

The location made in 1868 and 1869 was one definite in its character. It was not a preliminary location, which is provided for in certain other acts.

Its effect, when made, was to give precision to the grant to the State, and to define the limits within which the lands granted could be at once ascertained by the public surveys.

Whether this is to be treated as an inchoate or a defeasible title is not important. It was not a perfect and absolute title, and could not become so, except upon the completion of the road, which alone could entitle the State to a patent. The law clearly contemplated that the road was to be constructed according to the line of definite location.

For this purpose lands along it were withdrawn from the market, and public information given by which parties purchasing property in the vicinity were to be governed. The lands in question were separated and set apart from the public domain, and the adjustment of the grant was to proceed according to the line thus definitely located. Whatever adjustment, therefore, of the grant is made must be made according to the line of definite location.

To hold that the grant could be adjusted according to a different and distinct line, upon which a road perhaps answering in general terms the description given in the



granting act might be constructed, would be to hold that there were actually two grants of land. It cannot be possible that the grantee, having made his grant definite, and having had the lands granted separated from the public domain, can take it up and relocate it so as to appropriate other lands. The grant lost its character of a float by the definite location. It is therefore necessary, in adjusting the grant, that it should be adjusted according to the line of definite location.

The other inquiry is whether, if the road be built upon a different line from that of definite location, the lands ascertained by the definite location can now be patented to the State.

If this could be done, its effect would be sufficiently obvious. A tract of country not receiving the benefit of the road would be charged with the burden of having its lands granted to the railroad company whose road did not accommodate it. Persons owning property in farms or villages, who had purchased with the belief that the road was to be constructed according to the line of definite location, would find that they were in some instances many miles distant from the road, the benefits of which they had expected to receive.

In order to entitle the State to the benefit of the lands granted, it is necessary that the road should be constructed according to the line of definite location.

If a different road be constructed than that definitely located it cannot entitle the State to the benefit of those lands.

The question whether the road constructed is or is not the road as definitely located is a question for the Interior Department to determine in this as in other cases, and one which must be largely within the discretion of the Secretary.

Some deflections must, in many cases, be expected from the line of the road as definitely located; but it is for the department to determine whether or not these make of it a different road, or whether there is substantial compliance with the line of definite location. In the exercise of this discretion it is impossible to lay down any legal rules which could govern in all cases. Deflections which, in certain cases, might be held not to change the character of the road as definitely located might do so in others. I would suggest that if the deflections be in their character immaterial—if they were made for the purpose of avoiding engineering obstacles which could not otherwise be avoided without exaggerated expense, or to remedy defects in the original location—such deflections would not destroy the identity of the road constructed with the road of definite location. Upon the whole matter, it will be the duty of the Secretary of the Interior to decide whether the road constructed is the road as definitely located. It is suggested that the governor having made his certificate under the fourth section of the granting act, the Secretary of the Interior cannot inquire whether the road is or is not constructed according to the line of definite location; that the governor is the sole judge of the compliance of the company; that when his certificate is filed the right to the patents is perfect; and that no map of the constructed line is anywhere required. The reason why no map of the constructed line is required is because it is contemplated throughout the act that the road is to be constructed according to the line of definite location; and while it may be true that the right to the patents depended originally upon the road being made in accordance with the requirements of the act, and that many different lines might have been selected which would have met those requirements, yet when the grant has acquired precision by the line of definite location it is unimportant that another line might originally have been selected.

In terms the act of Congress does not impose upon the department the duty of inquiry as to whether the road has been constructed on a different line from that of definite location. But the Secretary must determine that the road has been constructed. The responsibility of issuing patents clearly imposes on him that duty, and, as a necessary incident, the duty of determining that the road has been constructed as located.

It has been further suggested that inasmuch as the deflections from the definitely located line were caused by an act of the State of Iowa, which required it to be constructed upon a different line, the State is entitled to the lands according to the line as originally located. But while the State had a right to resume the grant and did so, and while it could confer such grant upon another grantee as it did, it could not change the rights of the United States.

It could not obtain a new grant by changing the line of the road, nor could it perfect the original title by constructing the road according to a line different from that of the definite location. In explicit answer to your inquiries I therefore reply that the grant must be adjusted according to the line of definite location, and that it is for the department to determine whether or not the road has been constructed according to such line; and that, if a different road has been constructed, although it would answer the terms of the granting act if it had been the line of definite location, it still will not entitle the State to the benefit of the grant.

Very respectfully, your obedient servant,

CHAS. DEVENS,  
*Attorney-General.*

Hon. CARL SCHURZ,  
*Secretary of the Interior.*



DEPARTMENT OF THE INTERIOR,  
Washington, April 9, 1880.

SIR: By your letter of December 19, 1879, attention was directed to the fact that the constructed road of the Chicago, Milwaukee and Saint Paul Railway Company, from Algona westward to Sheldon in the State of Iowa, was not built upon the line of definite location filed in this Department in 1869, under the grant of May 12, 1864, made to the State in favor of the McGregor Western Railroad Company. (13 Statutes, p. 72.)

On the 19th of January you made further report stating additional facts relative to the subject matter.

These reports were laid before the honorable Attorney-General of the United States, by my letters of the 7th and 20th of January last, with a request for an opinion upon two points necessary to be determined before taking further action in pursuance of my decision of August 18, 1879, touching the rights of the respective companies and of the State of Iowa under the said grant.

The inquiries presented were in substance as follows:

1st. Whether or not the change of location, by the construction of the road upon a different line, had the effect to float the grant to the new line, and to require an adjustment within newly-ascertained limits.

2d. If not, is the department justified in treating the construction upon the finally adopted line as a substantial compliance with the terms of the granting act, and issuing patents to the State for the lands along the line of original location?

After full consideration the Attorney-General rendered his opinion on the 2d of February last, a copy of which I herewith inclose for your files. He holds that the effect of the original location "when made, was to give precision to the grant to the State, and to define the limits within which the lands granted could be at once ascertained by the public surveys"; that the grant lost its character of a float "by the definite location," and it must be adjusted accordingly.

Upon the second point his opinion is to the effect that an unauthorized or unwarranted departure in construction from the definitely located line would destroy the identity of the road and render it impossible to recognize any right, based upon such unwarranted construction to patents for the granted lands; that slight deviations, if required by engineering necessities, to obviate great practical difficulties, and avoid exaggerated expense, or to remedy defects in the original location, ought not to be considered sufficiently material to prevent a recognition of the road if constructed substantially in compliance of law; but that in judging of such matters the Secretary of the Interior must exercise his own discretion—no certain and fixed limit being possible—and each case must necessarily rest upon its own merits as presented for final adjudication to this department.

Concurring in these views of the law it becomes my duty to consider the case in hand, and determine whether or not the deviations from the original line should have the effect to defeat the issue of patents.

I am in receipt by letter of the 2d instant from John W. Carey, esq., general solicitor of the company, of two affidavits made, respectively, one by D. C. Shepard, who, as chief engineer of the McGregor and Sioux City Railroad Company, made the original definite location in 1868, and also located the line of constructed road; the other by Don J. Whittemore, chief engineer of the Chicago, Milwaukee and Saint Paul Railway Company, who, as such officer, adopted and approved the line of said location, only changing the same to a very slight extent at two specified points. These affidavits explain the particular reasons for the adoption of a line of construction deflecting at various points from the definite location, and are to the effect—

That the line surveyed in 1868 upon an imperative demand of your office for the immediate filing of a map was hastily run in the winter season, for the purpose of effecting a connection with the Sioux City and Saint Paul Railroad, the line of which had been carried several miles to the north and west of the route originally supposed to have been fixed by that company; that in the haste and with the ground covered with snow, it was impossible to select the best and most practicable route, but that the location was intended to give the general line, subject to such immaterial changes as might be found necessary in the construction of the road; that the surveying party failed to understand and follow the direction given by the chief engineer, and made a mistake in locating a portion of the line, so that a subsequent correction became necessary to secure a proper connection with the Sioux City and Saint Paul Road; that the crossing of the east fork of the Des Moines River has been made at the only feasible point within four or five miles on either side north or south; that the line is deflected south from such crossing to avoid a high hill, and at a point ten miles west from Algona bears still farther south to avoid a long elevated ridge extending several miles to the northward, and from that point westward to Sheldon runs on the most direct, practicable, and feasible route; that for the whole distance from Algona to Sheldon the road does not at any point deviate more than two miles from a direct straight line, and connects with the Sioux City and Saint Paul Road at the most southerly point possible in O'Brien County, the whole line being within an average distance of nine miles



from the 43d parallel of north latitude; the act of 1864 requiring such intersection to be made in O'Brien County, and the line to be run in a westerly direction by the most practicable route on or near the said 43d parallel.

The affidavits of these engineers allege that the route as constructed is in fact the most practicable one that could have been adopted; that it is shorter by several miles than any other, and that, on account of undue expense, both in construction and operation, adherence to the line of definite location would have been injurious to the company, and the greater length of road and frequent curves would have been detrimental alike to the company, to the community through which the line passes, and to the United States.

So far as the records of the department are referred to, I find that they corroborate the statements presented by the company. The greatest deviation from the original line is about five miles, and occurs at a point where, in leaving the old projected line of 1864, on the east line of May County, as required by your office, the survey of 1868 strikes northward to form a line of connection with the changed location of the Sioux City and Saint Paul Road.

This sharp angle is avoided in construction by taking a point of departure far to the eastward, and running a nearly straight line directly towards the terminal point, cutting off the angle, and reaching a line of settled towns of importance to the commercial interests of the road and the people of the neighborhood. The next important variation is made at a point on the west line of range 38, where the deflection northward occurs, which is explained by the mistake of the surveying party in striking the west line of Clay County too far to the south, as alleged in the affidavit of Engineer Shepard. The deviation at this point is a little less than three miles, and the construction, as in the other case, cuts off an objectionable angle in the line of definite location.

The deviation of about two miles in width from the west line of range 39 to Sheldon avoids a similar angle on the north, continues the straight and direct course of the road, and carries it nearer to the 43d parallel, as recited in the affidavits; thus more nearly complying with the terms of the granting act.

Upon the whole case, in view of all the circumstances, and of the explanations presented in behalf of the company, I am of the opinion that the identity of the road is not destroyed by the deviations in construction from the original line, and that the State is entitled to have patents for the granted lands.

The papers are forwarded for your appropriate action in accordance with this decision.

Very respectfully,

C. SCHURZ, *Secretary.*

The COMMISSIONER OF THE GENERAL LAND OFFICE.

DEPARTMENT OF THE INTERIOR.

*Washington, April 17, 1880.*

SIR: By act of July 4, 1866 (14 Statutes, p. 87), a grant was made to the State of Minnesota in aid of a railroad from Hastings, through the counties of Dakota, Scott, Carver, and McLeod, to such point on the western boundary of the State as the legislature might determine.

This grant was accepted by the State March 7, 1867. Prior to that time, viz, on the 4th of January, 1867, the governor had approved a map of definite location, which was at some time prior to the 4th day of April, 1867, placed on file in this department.

Certain modifications and adjustments were made to carry the construction of the road through several towns named in the act of acceptance, and all questions relating to the location of the road as far west as Glencoe, in the county of McLeod, are considered as settled. I think the action of the State authorities and of the company grantee, in allowing the line to remain unchanged from Glencoe westward, and to rest in the department files unchallenged, the lands along the route having been also withdrawn within the lateral limits of such line to satisfy the grant, must be treated as a clear recognition of the same as a line of definite location from which the grant cannot now be floated.

January 10, 1879, the governor forwarded a certified map of construction running from Glencoe to Montevideo a distance of eighty miles, and on the 12th of January last he supplemented the same by a map from the latter point westward to Ortonville on the boundary of the State, a distance of forty-five miles; and request is now pending for certification of the granted lands in favor of the Hastings and Dakota Railroad Company, upon whom the grant has been conferred by the State. An inspection of the maps filed shows a departure in construction from the line of definite location; the variation in distance amounting at some points to six or seven miles on the portion east of Montevideo, and from a few rods to about three or four miles to the westward of that station. The road from a point in range 38 runs north of the Minnesota River, while the original line crossed at that point and followed the south bank. Notwithstanding these deviations it is claimed by the grantee that the road has been completed in sub-



stantial compliance with law, and whatever deviation is shown has been caused by material difficulties and obstructions, which rendered the old route impracticable, and fully explain and justify the modification and correction of the line.

To establish these allegations certain letters and statements of engineers of the company were filed, which, not being upon oath, were not recognized as sufficient.

I am now in receipt of corroborative affidavits from the following parties: Gates A. Johnson, who, as engineer of the company, made the original survey and located the line as filed in 1867; A. B. Rogers, the present chief engineer, who has had charge of the location and construction of the completed road; D. C. Shepard, a civil engineer of thirty years' experience; and R. H. L. Jewett, civil engineer and surveyor, who executed in the field the United States surveys of the townships for fifty miles along the route, and who has acted, by appointment from the governor, as State inspector of construction and equipment of newly-built railroads in Minnesota.

These all speak from personal examination and knowledge of the locality and lines. From their statements it appears that the line as originally run crossed a very rough country of deep gorges and ravines called "Coolies," which would have rendered very difficult and expensive the construction of the road; that the Minnesota bottoms are composed almost entirely of granite, rendering earthwork impossible, and compelling the use of trestle-work and bridging; that a bridge across the river must have been a mile or more in length, costing from one-half million to one million dollars; that the tributary known as Hawk Creek is an immense gorge lying along and nearly parallel to the river, and that it could not be crossed successfully below the present line near its head; that to cross lower down would necessitate a steep grade to reach the summit and again descend to the river, the distance being so short as to render the attempt impracticable; that to cross the river at the point fixed would also require a bridge across the Yellow Medicine, and the bridging of numerous creeks, also requiring miles of embankments across river bottoms subject to overflow, where embankments would be liable to wash out; that these and other difficulties and expenses, recited in detail, have been avoided by the present location, which is on a direct and practicable route, and accommodates thriving and well-populated settlements, while the lands south of the river and on the Sioux Reserve are comparatively unsettled and unproductive. Without further discussion of these papers, which are transmitted with the other papers before me for your files, I conclude that the deviations in question cannot justly be objected to or held to destroy the identity of the road, and, following the principles indicated in my communication of the 9th instant in the case of the McGregor road, I have to direct that the lands be certified in satisfaction of the grant.

Very respectfully,

C. SCHURZ, *Secretary.*

The COMMISSIONER OF THE GENERAL LAND OFFICE.

DEPARTMENT OF THE INTERIOR,  
Washington, June 10, 1880.

SIR: I am in receipt of your report of the 27th of May last upon the *status* of the grant of lands made to the State of Minnesota to aid in the construction of a railroad from Saint Cloud to Saint Vincent in that State.

The report and accompanying map show that a road has been constructed between the above-named points by a company recognized by the State authorities as being entitled to the benefits of the grant; that the road was not completed within the time directed by the statutes of the United States; that no forfeiture of the grant has been declared, and that the line of the road as constructed deviates in some places from the line of definite location indicated by the map filed in this department in 1871, upon which the withdrawal for the benefit of the grant was made, the largest deflections being between Glyndon and Saint Vincent.

Upon these facts you submit two questions for my consideration, and request to be instructed in the premises.

1st. Whether, considering the failure to complete the road within the time directed by the statute, the State is entitled to patents for the benefit of the Saint Paul, Minneapolis and Manitoba Railway Company, the present owner of said road.

2d. Whether, in view of the deviations in the line of construction from the line of definite location, the State is entitled to patents under the grant for the benefit of said company.

Upon the first point you express the opinion, in effect, that notwithstanding the road was not completed within the time mentioned in the act of March 3, 1873 (17 Statutes, p. 631), the State is entitled to patents under the grant. I fully agree with you upon this point, the act of June 22, 1874 (18 Statutes, p. 203), the conditions of which have not been accepted by the company, being held as neither enforcing nor declaring a forfeiture of the grant. (*Kemper vs. Saint Paul and Pacific Railroad Company*, Copp's L. O., vol. 3, p. 170.) The law controlling this question is well settled. (*Schulenberg vs. Harriman*, 21 Wall., 44.)

Upon the second point you express no opinion. The only question for determina-



tion, however, is whether the deflections in the line of the constructed road are of such character as to make it a different road from that contemplated by the granting acts, and for which the withdrawal was intended. If the constructed road is not the one contemplated by the grant and withdrawal then the State has no right to patents for the lands claimed. But it is the road so contemplated if the deflections became necessary in order to avoid engineering obstacles which could not be otherwise overcome without exaggerated expense, or to remedy defects in the original location. In other words, if the road as constructed is a substantial compliance with the granting acts, the State is entitled to the benefits of the grant. (Opinion of the Attorney-General of February 2, 1880, Copp's L. O., vol. 7, 12; case of McGregor and Western Railroad Company, *id.*, 27; case of Hastings and Dakota Railroad Company, decided April 14, 1880.)

Since your report was received the said company has filed in this department affidavits showing why the road between Glyndon and Saint Vincent was not constructed on the line as located in 1871. The affidavits were made by the following parties respectively: Charles A. F. Morris, who was chief engineer of the Saint Paul and Pacific Railroad Company in the years 1871 and 1872, and who surveyed and located the line in 1871, and re-examined it preparatory to constructing the road between Glyndon and Saint Vincent, in 1872; Charles J. A. Morris, civil engineer, who was employed by said company in 1871 and 1872, in the location and construction of said road between the points aforesaid; Andrew De Graff, railroad constructor for said company, under whose personal supervision a large part of the Saint Vincent extension road was built; Norman W. Kittson, whose business for many years required him to make journeys daily from Saint Paul to Manitoba, via the Red River Valley, and who is well acquainted with the country through which said road is built; James J. Hill, who was engaged from 1868 to 1879 in the transportation business on the Red River of the North, between Saint Paul and Winnipeg, in Manitoba, and who has passed through the Red River Valley at all seasons of the year, and is well qualified to depose as to the facts alleged by him; and William P. Payte, a civil engineer, well acquainted with the topography of the country through which the said road passes.

The affidavits of these witnesses show that there are extensive swamps and marshes in townships 143, 144, 145, 146, 147, and 154, ranges 47 and 48, and in townships 156, 157, and 158, in ranges 49 and 50; that the season during which the location of 1871 was surveyed was very dry in the section of country through which the road was so located; that at that time the said swamps and marshes were comparatively dry, and the surveyors walked over them without difficulty; that the line was located over said swamps in the belief that it was a feasible route, and upon which the necessary material could be easily obtained for grading and ballasting; that in the winter of 1871-'72 there were heavy falls of snow in that vicinity, and the weather of the spring and summer of 1872 was very wet; that upon a re-examination of said line in 1872, preparatory to commencing the construction of said road, it was found that the country for a great distance in the above-named townships, and over which the line of 1871 was located, was under water to the depth of several feet; that earth in sufficient quantities to raise the road bed above water could not be obtained except by hauling it for a long distance at great expense; that the largest of said swamps was in township 147, ranges 47 and 48, and was twelve miles wide; that said swamps were under water at certain seasons almost every year, and presented engineering difficulties in the way of building said road of such a character as to make it necessary to locate the line of construction far enough to the east to avoid the same; that the point of crossing the margin of the large swamp above-mentioned governed the location of the road for many miles north and south thereof; that upon careful examination it was found that no ground over which it was practicable to build the road could be found nearer to the definitely located line than to the east of said swamps and marshes where the road is constructed; that the point of crossing of Red Lake River at Crookston was the most feasible one and the best adapted for bridging that could be found for many miles in either direction; that no lands in that vicinity were settled upon or entered with reference to the line of definite location prior to the establishment of the line of actual construction; that the progress of settlement kept pace with the construction of the road, and that the road as built is the shortest and best practicable one that could be had between Glyndon and Saint Vincent.

From the foregoing it is apparent that the deflections from the line located in 1871, between the points last above mentioned, were necessary to the proper construction of the road.

It is clear that the road as now constructed is of immeasurably more value to the inhabitants of the Red River Valley along its line, and better adapted to the purposes for which the road was intended, than it would have been had it been built through said swamps and marshes, to say nothing of the extra expense of building and keeping it in repair over the latter route.

One of the principal objections to varying from the line of definite location in constructing a land-grant road does not exist in this case, viz, that settlers locate and



purchase lands at the advanced rates in view of the definite location and for convenience to the road.

The deflections south of Glyndon do not appear to be material.

I am therefore of opinion that the said road was built in substantial compliance with the requirements of the granting acts, and that the State is entitled to patents for the granted lands; and you will proceed in the work of the adjustment of the grant accordingly, having due regard to all conflicting claims to the lands.

The affidavits aforesaid are herewith transmitted for filing in your office.

Very respectfully,

C. SCHURZ, *Secretary.*

The COMMISSIONER OF THE GENERAL LAND OFFICE.

### *Mineral lands.*

The condition of work in the division of this office having charge of mineral lands is shown by the following statement:

Mineral lands sold from July 1, 1879, to June 30, 1880, acres.....	20,355.32
Mineral entries made from July 1, 1879, to June 30, 1880 .....	772
Mineral patents issued from July 1, 1879, to June 30, 1880.....	876
Mineral entries unexamined July 1, 1880.....	573
Mineral entries examined and suspended July 1, 1880.....	470
Applications for entry examined and suspended July 1, 1880.....	53
<hr/>	
Total undisposed of July 1, 1880 .....	1,095
Mineral contests undisposed of July 1, 1880.....	73
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Total number of mineral cases awaiting final action July 1, 1880.....	1,168
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Agricultural entries on lands which prior to April 27, 1880, were withdrawn as mineral, awaiting examination July 1, 1879.....	1,754
Agricultural entries received from July 1, 1879, to June 30, 1880.....	627
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	2,381
Examined and disposed of from July 1, 1879, to June 30, 1880.....	603
<hr/>	
Unexamined July 1, 1880 .....	1,773
<hr/>	
Application to enter, on which hearings had been ordered and awaiting decision July 1, 1879.....	693
Applications received and hearings ordered from July 1, 1879, to June 30, 1880.....	70
<hr/>	
	763
Examined, decided, and closed from July 1, 1879, to June 30, 1880 .....	82
Examined and decided from July 1, 1879, to June 30, 1880.....	30
<hr/>	
	112
<hr/>	
	651
<hr/>	
Total agricultural cases undecided July 1, 1880.....	2,424
Letters received from July 1, 1879, to June 30, 1880.....	4,725
Letters written from July 1, 1879, to June 30, 1880.....	3,643
Pages of patent record written.....	5,544



The mining claims patented during the fiscal year ending June 30, 1880, are shown by the following:

Name of mine.	Mining district.	Township.	Range.
ARIZONA.			
<i>Apache County.</i>			
Longfellow copper lode.....	Copper Mountain .....		
<i>Mahave County.</i>			
Cupel lode .....	Wallapai .....	22 N.	17 W.
Congress lode .....	Cedar Valley .....	17 N.	14 W.
<i>Pima County.</i>			
John C. Handy mill site .....	Oro Blanco .....		
Enterprise lode .....	Patagonia .....		
Contention lode .....	Tombstone .....		
<i>Yavapai County.</i>			
Levi Bashford mill site .....		13 N.	1 E.
Storm Cloud lode .....	Hassayampa .....		
Second Extension Gray Eagle lode .....	Tiger .....		
Lone Juniper lode .....	Peck .....		
Gopher lode .....	Big Bug .....		
McCloud lode .....	Turkey Creek .....		
Ticonderoga lode .....	Big Bug .....		
Belcher lode .....	do .....		
CALIFORNIA.			
<i>Alpine County.</i>			
Manchester quartz mine .....	Monitor .....	9 N.	21 E.
<i>Amador County.</i>			
C. D. Home placer .....	Butte City .....	16 N.	11 E.
Maryland quartz mine .....	Drytown .....	7 N.	10 E.
Chile Jim quartz mine .....	do .....	7 N.	10 E.
North Gover quartz mine .....	do .....	7 N.	10 E.
Vaughn quartz mine .....	Jackson .....	5 N.	11 E.
Charles McLaughlin placer .....	Leonhard Grove .....	6 N.	12 E.
James Cummings et al. placer .....	Muletown .....	6 N.	10 E.
W. K. Johnston et al. placer .....	do .....	6 N.	10 E.
Hazard quartz mine .....	Rancheria .....	7 N.	10 E.
George W. Storey .....	Volcano .....	7 N.	13 E.
Benjamin B. Halsey et al. placer .....	do .....	7 N.	13 E.
Thomas Sorracco et al. placer .....	do .....	7 N.	12 E.
S. G. Spagnoli et al. placer .....	do .....	7 N.	12 E.
<i>Butte County.</i>			
Thomas H. Dodson et al. placer .....	Cherubusco .....	20 N.	7 E.
North Star tunnel and gravel mine .....	Mooreville .....	20 N.	7 E.
George C. Perkins placer .....	Morris Ravine .....	20 N.	4 E.
Bobbies Blue Ledge mine .....	Wyandotte .....	19 N.	5 E.
George B. Springer et al. placer .....		19 N.	4 E.
John Greenfield et al. placer .....		19 N.	4 E.
J. B. Hewitt placer .....		19 N.	4 E.
<i>Calaveras County.</i>			
Angels quartz mine and mill site .....	Angels .....	3 N.	13 E.
Tracy Stroud and Elijah Swinford placer .....	do .....	3 N.	10 E.
Altaville quartz mine and mill site .....	do .....	3 N.	13 E.
Lightner quartz mine and mill site .....	do .....	3 N.	13 E.
Esperance gold quartz mine .....	Buckeye .....	5 N.	12 E.
Thomas J. Sparks et al. placer .....	Chili Camp .....	4 N.	10 E.
Charles A. Werle et al. placer .....	Chili Gulch .....	5 N.	11 E.
John C. Scribner placer .....	Dogtown .....	3 N.	13 E.
John Hillary placer .....	Glenco .....	6 N.	13 E.
Eagle copper and silver mine and mill site .....	Gopher .....	1 N.	11 E.
Demorest quartz mine .....	Hawkeye .....	3 N.	12 E.
John Barker placer .....	Iowa Log Cabin .....	4 N.	11 E.
Lawrence Sullivan and Christopher Meyer placer .....	Latimer .....	4 N.	11 E.
William L. McKenzie placer .....	Log Cabin .....	4 N.	11 E.
Lamphear quartz mine .....	Mokelumne Hill .....	5 N.	12 E.



*Mining claims patented, &c.—Continued.*

Name of mine.	Mining district.	Township.	Range.
CALIFORNIA—Continued,			
<i>Calaveras County—Continued.</i>			
John Hanselt, placer .....	Murphy's .....	3 N.	14 E.
Wilson H. Bisbee placer .....	do .....	3 N.	14 E.
Rocky Bar quartz mine .....	do .....	3 N.	13 & 14 E.
Henry Wigman placer .....	do .....	3 N.	14 E.
Quartz Glen lode .....	Rich Gulch .....	6 N.	12 E.
George Leonard et al. placer .....	San Andreas .....	4 N.	12 E.
Henry Major et al. placer .....	San Domingo .....	3 N.	13 E.
Lafranier C. Harris placer .....	do .....	4 N.	13 E.
Martin H. Carpenter placer .....	Smith's Flat .....	3 N.	13 E.
James Gunter and Jacob Hartlief .....	Washington Ranch .....	4 N.	13 E.
Chino quartz mine .....	West Point .....	6 N.	13 E.
Michael O'Connell placer .....	Yacque Camp .....	4 N.	12 E.
Addison M. Mitchell et al. placer .....	Murphy's .....	3 N.	14 E.
<i>Del Norte County.</i>			
Samuel C. Howard placer .....	.....	.....	.....
William B. Reeve placer .....	.....	45 N.	13 W.
Henry Hickok and C. G. Nickerson placer .....	.....	16 N.	1 E.
George B. Temple placer .....	.....	44 N.	14 W.
Albert Doolittle et al. placer .....	.....	.....	.....
<i>El Dorado County.</i>			
John Blair et al. placer .....	Benton .....	10 N.	11 E.
Jorgen Anderson et al. placer .....	do .....	11 N.	12 E.
Hill quartz mine and mill site .....	Cold Spring .....	10 N.	10 E.
Thomas Alderson et al. placer .....	Cedar Hill and Coon Hollow ..	10 N.	11 E.
Richelieu quartz mine .....	Diamond Springs .....	9 N.	10 E.
Schneider & Co. quartz mine .....	do .....	10 N.	11 E.
John J. Flora placer .....	Georgetown .....	13 N.	10 E.
Smith quartz mine .....	Greenwood .....	12 N.	9 E.
Jochim C. Scheel placer .....	Fort Grizzly .....	8 N.	14 E.
John McClean placer .....	Henry Diggins .....	9 N.	13 E.
Aitken & Luce marble quarry .....	Indian Diggins .....	8 N.	13 E.
Daniel B. French placer .....	do .....	8 N.	13 E.
Herman H. Tholen et al. placer .....	do .....	8 N.	13 E.
Andrea Aitken et al. placer .....	do .....	8 N.	13 E.
William H. Newell et al. placer .....	Kelsey .....	11 N.	10 E.
Charles Town placer .....	Placerville .....	11 N.	11 E.
Samuel Fleming .....	Pleasant Valley .....	10 N.	12 E.
Chouleur quartz mine .....	do .....	10 N.	12 E.
James A. Hancock et al. placer .....	Reservoir Hide .....	11 N.	11 E.
John McDonald .....	Shingle Springs .....	10 N.	10 E.
Isaac H. Nash and Ira S. Nash .....	Texas Hill .....	10 N.	11 E.
Charles Weber placer .....	White Oak .....	10 N.	9 E.
Elliott McKinstry .....	El Dorado Slide .....	13 N.	9 E.
<i>El Dorado and Placer Counties.</i>			
Michael Hohman et al. placer .....	Diggins .....	12 N.	8 E.
John W. Collier et al. placer .....	Scull Flatt .....	7 N.	13 E.
<i>Fresno County.</i>			
New Idria mine .....	San Carlos .....	17 S.	12 E.
Arambic quicksilver mine and mill site .....	Aurrecolchea .....	14 S.	10 E.
<i>Humboldt County.</i>			
Thomas Baird et al. placer .....	Orleans Bar .....	.....	.....
<i>Inyo County.</i>			
Golden Gate mine .....	Kearsarge .....	.....	.....
West Virginia lode .....	do .....	.....	.....
Keystone lode .....	do .....	.....	.....
Arctic lode .....	do .....	.....	.....
Rex Montis .....	do .....	.....	.....
Boomerang gold and silver mine .....	do .....	.....	.....
Virginia mine .....	do .....	.....	.....
Sister lode and mill site .....	do .....	.....	.....
Ida lode .....	Panamint .....	21 S.	45 E.
Eureka mine and mill site .....	do .....	21 S.	45 E.
Independence quartz mine and mill site .....	do .....	21 S.	45 E.



## Mining claims patented, &amp;c.—Continued.

Name of mine.	Mining district.	Township.	Range.
CALIFORNIA—Continued.			
<i>Kern County.</i>			
Relief quartz mine and mill site .....	Clear Creek .....		
Little Hattie quartz mine .....	Long Tom .....	27 S.	29 E.
Isabella lode .....	do .....	27 S.	29 E.
Hidden Treasure lode .....	Walker's Basin .....	29 S.	32 & 33 E.
Lena mine .....	do .....	29 S.	32 E.
J. B. Haggin et al. placer .....	Clear Creek .....		
<i>Los Angeles County.</i>			
Dunlap Blue Light mine .....	Santa Rosa .....		
S. B. Caswell et al. placer .....	San F. Petroleum .....	3 N.	16 W.
<i>Mariposa County.</i>			
John Schroeder placer .....	Colorado .....	4 S.	18 E.
Henry Ohlmeier placer .....	Coulterville .....	3 S.	16 E.
Compromise gold quartz mine .....	do .....	2 S.	18 E.
Crown Peak quartz mine and mill site .....	do .....	3 S.	16 E.
Adelaide quartz mine .....	do .....	3 S.	16 E.
Midas quartz mine .....	do .....	3 S.	16 E.
Crown Lead quartz mine and mill site .....	do .....	3 S.	16 E.
<i>San Benito and Merced Counties.</i>			
Stayton mines and mill sites .....	McLeod .....	12 S.	7 E.
<i>Mono County.</i>			
Ralston No. 1 north mine or vein .....	Bodie .....	4 N.	27 E.
Ralston No. 2 lode .....	do .....	4 N.	27 E.
Red Cloud lode .....	do .....	4 N.	27 E.
West Bullion lode .....	do .....	4 N.	27 E.
Packart & Morton mine .....	do .....	4 N.	27 E.
<i>Nevada County.</i>			
C. J. Cole et al. placer .....		17 N.	7 E.
Cedar gold quartz mine and mill site .....	Bear River .....	14 N.	8 E.
T. P. Crandall et al. placer .....	Bloomfield .....	8 N.	10 E.
Joseph Hustler et al. placer .....	Cherokee Badger Hill .....	17 & 18 N.	8 & 9 E.
Pennsylvania quartz mine .....	Grass Valley .....	16 N.	8 E.
Henry Sylvester .....	do .....	16 N.	8 E.
Marten L. March et al. placer .....	Hints Hill .....	16 N.	9 & 10 E.
James Hill placer .....	Lowell Hill .....	16 N.	10 & 11 E.
George G. Allen et al. placer .....	Nevada .....	16 N.	8 E.
Ancho quartz mine and mill site .....	do .....	18 N.	11 E.
Samuel Allison placer .....	do .....	16 N.	9 E.
Omega quartz mine .....	do .....	16 N.	9 E.
George S. S. Getchell .....	do .....	16 N.	9 E.
Lecompton quartz mine .....	do .....	16 N.	9 E.
Ural quartz mine .....	do .....	16 N.	9 E.
Thomas Allen placer .....	do .....	17 N.	9 E.
Slide quartz mine .....	do .....	17 N.	7 E.
Eureka Lake et al. placer .....	Relief .....	17 N.	10 E.
James Rose and Simon Cummer placer .....	Scott's Flat .....	17 N.	10 E.
Lemuel B. Churchill placer .....	Virgin Valley .....	17 N.	10 E.
John Hussey placer .....	You Bet .....	16 N.	10 E.
New York Cañon Blue gravel placer mine .....	Blue Tent .....	17 N.	9 E.
<i>Placer County.</i>			
H. B. and S. S. Willard placer .....		14 N.	10 E.
Thomas B. Ludlum placer .....		16 N.	11 E.
Frank Smidt placer .....	Dutch Flat .....	15 N.	10 E.
Louis Ames placer .....	Dutch Ravine .....	12 N.	7 E.
Martin Driscoll placer .....	Forest Hill .....	14 N.	10 E.
W. H. Kinder placer .....	Gold Run .....	15 N.	10 E.
Pioneer quartz mine .....	Humbug .....	15 N.	11 E.
J. F. Neff placer .....	Iowa Hill .....	14 & 15 N.	10 E.
James Wills .....	Michigan Bluff .....	14 N.	11 E.
Alabama quartz mine and mill site .....	New Castle .....	12 N.	7 E.
William J. Lawrence placer .....	do .....	12 N.	7 E.
Julian gold quartz mine .....	do .....	12 N.	7 E.
Elizabeth Kittler placer .....	Ophir .....	12 N.	7 E.
Doig Consolidated quartz mine .....	do .....	12 N.	8 E.
Crater Hill West Extension quartz mine .....	do .....	12 N.	7 E.



*Mining claims patented, &c.—Continued.*

Name of mine.	Mining district.	Township.	Range.
CALIFORNIA—Continued.			
<i>Placer County—Continued.</i>			
George Willingham placer .....	Stewart Flat .....	11 N.	7 E.
Pioneer Fluming Company placer .....	Yankee Jim .....	14 N.	10 E.
J. F. Moody placer .....	Green Valley .....	15 N.	10 E.
<i>Plumas County.</i>			
Laura quartz mine .....	.....	22 N.	13 E.
<i>San Bernardino County.</i>			
John W. Searles et al. placer .....	Briar Borax .....	25 S.	43 E.
Rainbow quartz mine and mill site .....	Holcomb Valley .....	2 & 3 N.	1 & 2 E.
Moonlight quartz mine .....	do .....	3 N.	1 E.
D. D. Reese et al. mill site .....	Slate Range .....	.....	.....
New York silver mine .....	do .....	.....	.....
Alta silver mine .....	do .....	.....	.....
San Francisco gold mine .....	do .....	.....	.....
Lone View gold mine .....	do .....	.....	.....
<i>Shasta County.</i>			
Brown Bear gold quartz mine .....	Deadwood .....	.....	.....
Dennis and Timothy Desmond placer .....	Oak Bottom .....	32 N.	6 W.
Chance quartz mine .....	Pittsburg .....	34 N.	3 W.
Ezra R. Sikes placer .....	Quartz Hill .....	32 N.	5 W.
James McMullan placer .....	Texas Springs .....	31 N.	5 W.
<i>Sacramento County.</i>			
Benjamin Bailey placer .....	Cook's Bar .....	7 N.	8 E.
Wilford A. Rogers placer .....	Wilson Spring's Hill .....	9 N.	8 E.
<i>Siskiyou County.</i>			
E. Wadsworth et al. placer .....	Hawkinsville .....	45 N.	7 W.
H. Q. Diggles placer .....	Pinery .....	43 N.	10 W.
Alexander M. Johnson et al. placer .....	Quartz Valley .....	43 N.	10 W.
Luke Shaw placer .....	do .....	43 N.	10 W.
Alexander Parker et al. placer .....	South Fork .....	40 N.	8 W.
<i>Tuolumne County.</i>			
Edward E. Kingsbury .....	Belmont .....	2 N.	15 E.
Joel Miller placer .....	do .....	2 N.	15 E.
John Grant placer .....	Gold Springs .....	3 N.	14 E.
Francis Martin placer .....	Gravel Range .....	1 S.	17 E.
Edward Doyle .....	Horse Shoe Bend .....	2 N.	14 E.
Richard M. Haydock .....	Raw Hill .....	1 N.	14 E.
Bed Rock Blue Gravel mine .....	Shaw's Flat .....	2 N.	14 E.
O. F. Jones et al. placer .....	Table Mountain .....	2 N.	14 E.
New Albany quartz mine .....	Tuolumne .....	1 N.	16 E.
Tarantula quartz mine .....	do .....	1 & 2 N.	14 E.
Hitchcock gold quartz mine .....	do .....	1 N.	14 E.
Jean Pardies and Santos Torres .....	do .....	1 N.	13 E.
Jessie and Edith quartz mine .....	do .....	2 N.	16 E.
Dutch quartz mine and mill site .....	do .....	1 N.	14 E.
Heslep quartz mine and mill site .....	do .....	1 N.	14 E.
Gilles & Carrington quartz mine and mill site .....	do .....	2 N.	13 & 14 E.
A. Bullerdick and M. B. Hariman placer .....	do .....	2 N.	14 E.
Independence quartz mine .....	do .....	2 N.	16 E.
Silas A. Reed placer .....	do .....	2 N.	15 E.
Luigi Volponi placer .....	do .....	1 N.	14 E.
Stefano Cavagnaro placer .....	do .....	2 N.	14 E.
Angelo Giovanatti placer .....	Yankee Hill .....	2 N.	15 E.
<i>Trinity County.</i>			
A. G. Price et al. placer .....	Canon City .....	34 N.	10 & 11 W.
Trinity quicksilver mine No. 1 .....	Cinnabar .....	38 N.	6 W.
Trinity quicksilver mine No. 2 .....	do .....	38 N.	6 W.
Trinity quicksilver mine No. 3 .....	do .....	38 N.	6 W.
Washington quicksilver mine .....	do .....	38 N.	6 W.
Nash deep gravel gold mine .....	Coffee Creek .....	.....	.....
<i>Ventura County.</i>			
Hancock M. Johnston et al. placer .....	Cesapi Oil .....	5 N.	19 W.
Oak Flat oil mine .....	Lespe Petroleum .....	4 & 5 N.	19 W.



*Mining claims patented, &c.—Continued.*

Name of mine.	Mining district.	Township.	Range.
CALIFORNIA—Continued.			
<i>Yuba County.</i>			
F. Judkins and I. E. Brown.....	Brownsville .....	19 N.	6 E.
J. E. Brown placer .....	do .....	19 N.	6 E.
J. Crawford et al. placer .....	Sucker Flat.....	16 N.	6 E.
William M. Crane and Lemuel T. Crane placer.....	Sharon Valley .....	19 N.	7 E.
COLORADO.			
<i>Boulder County.</i>			
Ch. G. Buckingham et al. placer .....	Central .....	2 N.	71 W.
Fannie Mott lode .....	do .....	2 N.	71 W.
Rip Van Dam lode .....	do .....	2 N.	71 W.
Careless Boy lode and mill site .....	do .....	2 N.	72 W.
Wauban lode .....	do .....	2 N.	71 W.
Golden Age lode .....	do .....	2 N.	71 W.
Robert Simpson placer .....	do .....	2 N.	72 W.
Yellow Jacket No. 2 lode .....	Gold Hill .....	1 N.	72 W.
Grant lode .....	do .....	1 N.	72 W.
Five Twenty lode .....	do .....	1 N.	72 W.
John A. Dix lode .....	do .....	1 N.	71 W.
American lode .....	do .....	1 N.	71 W.
North American lode .....	do .....	1 N.	71 W.
Slide Lode .....	do .....	1 N.	72 W.
Cold Spring lode .....	do .....	1 N.	72 W.
Lillie of the West lode .....	do .....	1 N.	72 W.
Cold Spring No. 2 lode .....	do .....	1 N.	72 W.
Hawkeye lode .....	do .....	1 N.	71 W.
Mack lode .....	do .....	1 N.	72 W.
Sovereign People lode .....	Grand Island .....	1 S.	73 W.
Isabel lode .....	do .....	1 S.	73 W.
Lookout lode .....	do .....	1 N.	72 W.
East Idaho lode .....	do .....	1 S.	73 W.
Monadoc lode .....	do .....	1 S.	73 W.
Grand View lode .....	do .....	1 S.	73 W.
Kansas City lode .....	Magnolia .....	1 S.	71 W.
Graphic lode .....	do .....	1 S.	71 W.
Magnolia lode .....	do .....	1 S.	71 W.
Kekionga lode .....	do .....	1 S.	71 W.
Snowy Range lode .....	Snowy Range .....	1 N.	73 W.
Franklin lode .....	Sugar Loaf .....	1 N.	72 W.
Tamborine lode .....	do .....	1 N.	71 W.
Silver Ring lode .....	do .....	1 N.	72 W.
Humboldt lode and mill site .....	Ward .....	1 N.	72 & 73 W.
Stoughton lode .....	do .....	1 N.	73 W.
Atlantic lode .....	do .....	1 N.	73 W.
Corning lode .....	do .....	1 N.	73 W.
Celestial Extension lode and mill site .....	do .....	1 N.	72 W.
Wiest lode and mill site .....	do .....	1 N.	72 W.
Mayflower lode .....	do .....	1 N.	72 W.
<i>Clear Creek County.</i>			
Independence lode .....	Argentine .....	4 & 5 S.	75 W.
Durango lode and mill site .....	do .....	4 S.	75 W.
Cash lode .....	do .....		
Argus R. lode .....	do .....		
Burnett lode .....	do .....		
Philadelphia lode .....	do .....	5 S.	75 W.
Big Chief lode .....	Banner .....	3 S.	73 W.
First National lode .....	do .....	3 S.	73 W.
Nathan lode .....	do .....	3 S.	73 W.
Clarence Stephens placer, including Lulu and Mammoth lodes.	do .....	3 S.	73 W.
Carbon lode .....	Downieville .....	3 S.	74 W.
Anson P. Stephens mill site .....	Downieville and Montana .....	3 S.	74 W.
Patrick lode .....	Downieville .....	3 S.	74 W.
Boulder Nest lode .....	do .....	3 S.	74 W.
Silver Coin lode .....	do .....	3 S.	74 W.
Morris lode .....	do .....	3 S.	74 W.
Grand Central lode .....	do .....	3 S.	74 W.
Lincoln lode .....	do .....	3 S.	74 W.
Dexter lode .....	do .....	3 S.	74 W.
White lode .....	do .....	3 S.	74 W.
Veta Madre and Zacatecas mine and mill site .....	do .....	3 S.	73 W.
Purchase lode .....	do .....	3 S.	74 W.
White Extension lode .....	do .....	3 S.	74 W.



*Mining claims patented, &c.—Continued.*

Name of mine.	Mining district.	Township.	
COLORADO—Continued.			
<i>Clear Creek County—Continued.</i>			
Anson P. Stephens placer.....	Downieville and Montana.....	3 S.	74 W.
Dennis Faivre placer.....	Grass Valley.....	3 S.	73 W.
Colorado Diamond Tunnel Silver Mining Company, of Baltimore City, mill site.	Griffith.....	4 S.	75 W.
Coulter lode.....	do.....	4 S.	74 W.
John V. Farwell placer.....	do.....	4 S.	74 W.
Buckeye State lode.....	do.....	4 S.	74 W.
Edwin Graves lode.....	do.....	4 S.	74 W.
Clara lode.....	do.....	4 S.	74 W.
Vulcan lode.....	do.....	4 S.	74 & 75 W.
J. A. Hawkes lode.....	do.....	4 S.	74 W.
Snow Drift lode.....	do.....	4 S.	75 W.
Charter Oak lode.....	do.....	4 S.	74 W.
Greenock lode.....	do.....	4 S.	75 W.
Trinidad lode and mill site.....	do.....	4 S.	75 W.
Cavalier lode.....	do.....	4 S.	75 W.
Silver Chain lode.....	do.....	4 S.	73 W.
Grenadier lode and mill site.....	do.....	4 S.	74 & 75 W.
Maiue lode.....	do.....	4 S.	75 W.
Galena lode.....	do.....	4 S.	74 W.
Saint George lode.....	do.....	3 S.	74 W.
Alpha lode.....	do.....	4 S.	74 W.
Charles H. Moore lode and mill site.....	do.....	4 S.	74 W.
John R. Thompson mill site.....	do.....	4 S.	75 W.
Hunter lode and mill site.....	do.....	4 S.	74 W.
Backbone lode.....	do.....	4 S.	75 W.
Winning Card lode.....	do.....	4 S.	74 W.
Fulton lode.....	do.....	4 S.	75 W.
James Guard and J. T. Purdy mill site.....	do.....	4 S.	74 W.
Gates load.....	do.....	4 S.	74 W.
Montreal lode.....	Queens and Griffith.....	4 S.	74 W.
Solid Muldoon lode.....	Jackson.....	4 S.	73 W.
Hub lode.....	Idaho.....	3 S.	73 W.
Trio lode.....	do.....	3 S.	73 W.
Cincinnati lode.....	do.....	3 S.	73 W.
Crown Point and Virginia lode.....	do.....	3 S.	73 W.
Robert Parker placer, including lodes.....	Jackson.....	4 S.	73 W.
Veta Grande lode.....	Morris.....	3 S.	73 W.
Eagle lode and mill site.....	do.....	3 S.	73 W.
Clifford F. Eagle.....	do.....	3 S.	73 W.
Baltic lode.....	Montana.....	3 S.	74 W.
Joe Reynolds No. 2 lode.....	do.....	3 S.	74 W.
Ida lode.....	do.....	3 S.	73 W.
Joe Reynolds No. 4 lode.....	do.....	3 S.	74 W.
Dictator lode.....	do.....	3 S.	74 W.
Silver Rock lode.....	do.....	3 S.	74 W.
Joe Reynolds No. 1 lode.....	do.....	3 S.	74 W.
Adriatic lode.....	do.....	3 S.	74 W.
Hopewell lode.....	do.....	3 S.	74 W.
Ophir lode.....	do.....	3 S.	74 W.
Enreka lode.....	do.....	3 S.	73 W.
Joe Reynolds No. 3 lode.....	do.....	3 S.	74 W.
California lode.....	Nevada.....	3 S.	73 W.
Muldoon lode.....	Queens.....	4 S.	75 W.
Elephant lode.....	do.....	4 S.	75 W.
Reindeer lode.....	do.....	4 S.	75 W.
Horace Hnmphrey placer.....	Spanish Bar.....	3 S.	73 W.
Spencer H. White placer.....	do.....	3 S.	73 W.
Charles E. Robinson placer.....	do.....	3 S.	73 W.
Schaffter lode.....	do.....	3 S.	73 W.
Great Western lode.....	Trail Creek.....	3 S.	73 W.
Gum Tree lode.....	do.....	3 S.	73 W.
Freeland lode.....	do.....	3 & 4 S.	73 W.
Great Eastern lode.....	do.....	3 S.	73 W.
Lamartine lode.....	do.....	4 S.	73 W.
Toledo lode.....	do.....	3 S.	73 W.
Kelly lode.....	Trail Run.....	3 S.	73 W.
John M. Dumont placer.....	Trout Creek.....	3 S.	73 W.
Equator lode.....	Upper Union.....	3 S.	74 W.
Nelson Frohm et al. placer.....	do.....	4 S.	75 W.
American Eagle lode.....	do.....	3 S.	74 W.
Gem lode.....	do.....	4 S.	74 W.
Atlantic lode.....	do.....	3 S.	74 W.
Champion lode.....	Virginia.....	3 S.	73 W.
<i>Gilpin County.</i>			
Mammoth Side lode.....	Central City.....	3 S.	73 W.



## Mining claims patented, &amp;c.—Continued.

Name of mine.	Mining district.	Township.	Range.
COLORADO—Continued.			
<i>Gilpin County—Continued.</i>			
Clipper lode.....	Central City.....	3 S.	73 W.
Bugher lode.....	do.....	3 S.	73 W.
Comstock lode.....	do.....	3 S.	73 W.
North American lode.....	Downieville.....	3 S.	74 W.
Little Giant lode.....	Enterprise.....	3 S.	72 W.
Dallas lode.....	do.....	3 S.	73&74 W.
Mariner lode.....	Eureka.....	3 S.	73 W.
Butler lode.....	do.....	3 S.	73 W.
Gunnell lode.....	do.....	3 S.	73 W.
Lindon lode.....	Nevada and Eureka.....	3 S.	73 W.
Carr lode.....	Gregory.....	3 S.	72&73 W.
Mammoth lode and mill site.....	do.....	3 S.	73 W.
Mammoth lode.....	do.....	3 S.	73 W.
Briggs lode.....	do.....	3 S.	72&73 W.
Empress lode.....	do.....	3 S.	73 W.
Fisk lode.....	do.....	3 S.	73 W.
Bates lode.....	do.....	3 S.	73 W.
Treasury lode.....	do.....	3 S.	73 W.
Stewart lode.....	Hawk Eye.....	2 S.	73 W.
Smith lode.....	do.....	2 S.	73 W.
Caledonia lode and mill site.....	do.....	2 S.	73 W.
Roderick Dhu lode.....	Illinois Central.....	3 S.	73 W.
Virginia lode.....	Independent.....	2 S.	73 W.
Caledonia No. 2 lode.....	Lake.....	3 S.	72 W.
Unexpected lode.....	do.....	3 S.	72&73 W.
Justice lode.....	do.....	3 S.	72 W.
Caledonia lode.....	do.....	3 S.	72 W.
Williams lode.....	Lake Gulch.....	3 S.	72 W.
Camp Grove lode and mill site.....	Nevada.....	3 S.	73 W.
Soden lode.....	do.....	3 S.	73 W.
California lode.....	do.....	3 S.	73 W.
Burroughs lode.....	do.....	3 S.	73 W.
American Flag or Bennett lode and mill site.....	do.....	3 S.	73 W.
Gardner lode.....	do.....	3 S.	73 W.
Northrup lode.....	do.....	3 S.	73 W.
German lode.....	do.....	3 S.	73 W.
Ute lode.....	do.....	3 S.	73 W.
Irish Flag lode.....	do.....	3 S.	73 W.
Kent County lode.....	do.....	3 S.	73 W.
Jones lode.....	do.....	3 S.	73 W.
Prize lode.....	do.....	3 S.	73 W.
Paul and Hiram F. Sawyer placer.....	Pleasant Valley.....	3 S.	73 W.
Virginia lode.....	Quartz Valley.....	3 S.	73 W.
Boss lode.....	do.....	3 S.	73 W.
S. C. Booth lode.....	Russell.....	3 S.	73 W.
Golden Wedge lode.....	do.....	3 S.	73 W.
Perrin lode.....	do.....	3 S.	73 W.
Quartz mill lode.....	do.....	3 S.	73 W.
Delaware lode and mill site.....	do.....	3 S.	73 W.
Nashville lode.....	do.....	3 S.	73 W.
<i>Clear Creek and Gilpin Counties.</i>			
Colorado lode.....	Lincoln.....	2 & 3 S.	73 W.
<i>Hinsdale County.</i>			
American Eagle lode.....	Park.....		
Palmetto lode.....	Galena.....		
<i>Lake County.</i>			
Chrysolite lode.....	California.....		
Oro La Plata lode.....	do.....		
Ætna lode.....	do.....	9 S.	80 W.
Evening Star lode.....	do.....	9 S.	80 W.
Young America lode.....	do.....		
Charlestown lode.....	do.....		
Great Western lode.....	do.....		
Robert E. Lee.....	do.....		
Porphyry lode.....	do.....		
William Moyer placer.....	do.....		
Matchless lode.....	do.....		
H. D. lode.....	do.....		
Carboniferous lode.....	do.....		
Iron Hat lode.....	do.....		



*Mining claims patented, &c.—Continued.*

Name of mine.	Mining district.	Township.	Range.
COLORADO—Continued.			
<i>Lake County—Continued.</i>			
Seventy-Six lode .....	California .....		
Brick Pomeroy lode .....	do .....		
Pine lode .....	do .....		
Vulture lode .....	do .....	9 S.	80 W.
Montgomery lode .....	do .....		
Last Chance lode .....	do .....		
Ready Cash lode .....	do .....		
Camp Bird lode .....	do .....		
G. F. Dailey et al. mill site .....	do .....	9 S.	80 W.
Little Eva lode .....	do .....	9 S.	80 W.
Dillon lode .....	do .....	9 S.	80 W.
Keystone lode .....	do .....		
Little Sliver lode .....	do .....	9 S.	80 W.
Magenta lode .....	Granite .....		
Robert George lode and mill site .....	Granite and Hope .....		
Gaff Mining Company placer .....	Hope .....		
Samuel Hartsel placer .....	Trout Creek .....		
<i>La Plata County.</i>			
Morovoratz lode .....	California .....		
<i>Ouray County.</i>			
Virginus lode .....	Mount Sneffels .....		
D. F. Watson et al. placer .....	Uncompahgre .....		
Preston Hotchkiss et al. placer .....	do .....		
Windham Silver Mining and Smelting Company .....	do .....		
Pandora lode .....	Upper San Miguel .....		
Oriental lode .....	do .....		
<i>Park County.</i>			
Columbia lode .....	Buckskin .....	9 S.	78 W.
John Q. A. Rollins et al. placer .....	Buckskin Joe .....	9 S.	78 W.
Musk Ox lode .....	Consolidated .....		
Captain Plummer lode .....	Consolidated Montgomery .....	8 S.	78 W.
Emma lode .....	do .....	8 S.	78 W.
Keystone lode .....	Mosquito .....		
Sacramento lode .....	Sacramento .....	9 S.	78 W.
Annyboby lode .....	do .....	9 S.	78 W.
Lark lode .....	do .....	9 S.	78 W.
October lode .....	do .....	9 S.	78 W.
Ada lode .....	do .....	9 S.	78 W.
Watseka lode .....	do .....	9 S.	78 W.
Thomas M. Dunbar placer .....	Tanniyall .....	8 S.	76 W.
George W. Lechner placer .....	do .....	8 S.	76 W.
<i>Rio Grande County.</i>			
Thomas M. Bowen placer .....	Summit .....		
Tunnel lode .....	do .....		
San Juan Consolidated Mining Company's placer .....	do .....		
Dexter lode .....	do .....	37 N.	4 E.
Golconda lode .....	do .....		
Missionary lode .....	do .....	37 N.	4 E.
Little Jessie lode .....	Summit Valley .....		
<i>San Juan County.</i>			
No. 3 lode and mill site .....	Animas .....		
Regulator lode and Oriental mill site .....	do .....		
Buckeye lode .....	do .....		
Royal Tiger lode .....	do .....		
Great Eastern lode .....	do .....		
Pride of the West Extension lode .....	do .....		
Jennie Parker lode .....	do .....		
Terrible lode .....	do .....		
Green Mountain No. 2 lode .....	do .....		
Lookout lode .....	do .....		
Cleveland lode .....	do .....		
Vermillion Extension No. 1 lode .....	Eureka .....		
Burrows Extension lode .....	do .....		
Mastodon lode .....	do .....		
Burrows lode .....	do .....		
Dakota lode .....	do .....		
Red Cloud lode .....	do .....		



## Mining claims patented, &amp;c.—Continued.

Name of mine.	Mining district.	Township.	Range.
COLORADO—Continued.			
<i>San Juan County—Continued.</i>			
Napoleon lode .....	Eureka .....		
Burrows No. 2 lode .....	do .....		
Mineral Point lode .....	do .....		
Deposit lode .....	do .....		
Vermillion lode .....	do .....		
J. W. Young lode .....	do .....		
Ulysses lode .....	do .....		
Badger State lode .....	do .....		
Excelsior lode .....	do .....		
Lucky lode .....	do .....		
Yankton Extension lode .....	do .....		
Adelpheh lode .....	do .....		
Denver lode .....	do .....		
Dewitt lode .....	do .....		
Washington lode .....	do .....		
Boston lode .....	do .....		
Alaska lode .....	do .....		
Acapulco lode .....	do .....		
Victory lode .....	Uncompahgre .....		
Bonanza lode .....	do .....		
Cross lode .....	do .....		
Great Eastern No. 2 lode .....	do .....		
Davenport lode .....	do .....		
Mound lode .....	do .....		
<i>Summit County.</i>			
Fredonia lode .....	Argentine .....		
Legal Tender lode .....	Consolidated Ten Mile .....		
Ingleside lode .....	do .....		
William Bemrose and H. M. Bostwick placer .....	Hoosier Gulch .....		
Thomas H. Fuller placer, including lode .....	Minnesota .....		
Erie lode and mill site .....	Snake River .....	6 S.	76 W.
Verrus lode .....	do .....		
A. Recèn et al. placer .....	Ten Mile .....		
Radical lode and mill site .....	Snake River .....	6 S.	76 W.
DAKOTA.			
<i>Lawrence County.</i>			
James Tanner and John Steck placer .....	Whitewood .....		
William A. Beard et al. placer .....	do .....		
Ella quartz mine .....	do .....		
Omega lode .....	do .....		
Belcher quartz mine .....	do .....		
Michael Early placer .....	Whitewood Placer .....		
William A. Beard et al. placer .....	do .....		
Mormon Chief lode .....	Whitewood Quartz .....		
Silver Star lode .....	do .....		
Althea quartz mine .....	do .....		
Golden Gate lode .....	do .....		
Justice lode .....	do .....		
William S. Beatty et al. placer .....	Lost .....		
Michael Myerhoffer et al. placer .....	do .....		
Moses Pierce et al. placer .....	Lost Placer .....		
Moses Pierce et al. placer .....	do .....		
James P. Welsh placer .....	do .....		
Anchor quartz mine .....	Bear Butte .....		
Towner Savage and Charles Noyes placer .....	Whitewood Quartz and Lost .....		
MONTANA.			
<i>Beaver Head County.</i>			
Pride of the West lode .....	Bryant .....	3 S.	11 W.
Forest Queen lode .....	do .....	3 S.	11 W.
Hecla Consolidated Mining Company placer .....		2 S.	10 W.
<i>Deer Lodge County.</i>			
Potosi lode .....	Flint Creek .....	7 N.	13 W.
Homestead lode .....	do .....	7 N.	13 W.
Take All lode .....	do .....	7 N.	13 W.
Bay Horse lode .....	do .....	7 N.	13 W.
Durango lode .....	do .....	7 N.	13 W.
John Keating et al. placer .....	Hopkins Sag .....	12 N.	9 W.



*Mining claims patented, &c.—Continued.*

Name of mine.	Mining district.	Township.	Range.
MONTANA—Continued.			
<i>Deer Lodge County—Continued.</i>			
John R. Quigley placer.....	Illinois.....	11 N.	8 W.
Uinta lode.....	Independence.....	3 N.	8 W.
Little Darling lode.....	do.....	3 N.	8 W.
Black Hawk lode.....	Ettowa.....	11 N.	6 W.
Oro Butte lode.....	Summit Valley.....	3 N.	8 W.
Delmonte.....	do.....	3 N.	8 W.
Great Republic lode.....	do.....	3 N.	8 W.
Josephine lode.....	do.....	3 N.	8 W.
Annie and Ida lode.....	do.....	3 N.	8 W.
Pacific lode.....	do.....	3 N.	8 W.
Lexington lode.....	do.....	3 N.	8 W.
Travona lode.....	do.....	3 N.	8 W.
Modoc Extension lode.....	do.....	3 N.	7 W.
Balm lode.....	do.....	3 N.	7 W.
Missoula lode.....	do.....	3 N.	7 W.
Baltic lode.....	do.....	3 N.	8 W.
Poser lode.....	do.....	3 N.	8 W.
Original lode.....	do.....	3 N.	8 W.
John A. Leggat et al. placer.....	do.....	3 N.	7 W.
Buffalo lode.....	do.....	3 N.	8 W.
Joel A. Harrington placer.....	do.....	3 N.	8 W.
Richard S. Jones et al. placer.....	do.....	3 N.	8 W.
Orphan Boy lode.....	do.....	3 N.	8 W.
Rising Star lode.....	do.....	3 N.	8 W.
Neptune lode.....	do.....	3 N.	8 W.
Star West lode.....	do.....	3 N.	8 W.
Morning Star lode.....	do.....	3 N.	8 W.
Modoc lode.....	do.....	3 N.	8 W.
Buenos Ayres lode.....	do.....	3 N.	8 W.
North Star lode.....	do.....	3 & 4 N.	8 W.
Yellow Jacket lode.....	do.....	3 N.	8 W.
Carlotta lode.....	do.....	3 N.	8 W.
Maximillian lode.....	do.....	3 N.	8 W.
Pawnbroker lode.....	do.....	3 N.	8 W.
Gray Rock lode.....	do.....	3 N.	7 & 8 W.
Wild Pat lode.....	do.....	3 N.	8 W.
Salisbury lode.....	do.....	3 N.	8 W.
Carrie lode.....	do.....	3 N.	8 W.
Virginus lode.....	do.....	3 N.	8 W.
Flag lode.....	do.....	3 N.	8 W.
Gold Hill lode.....	do.....	3 N.	8 W.
Late Acquisition lode.....	do.....	3 N.	8 W.
None Such lode.....	do.....	3 N.	8 W.
Frank Moulton lode.....	do.....	3 N.	8 W.
Burnett lode.....	do.....	3 N.	8 W.
Duncan Seaton and Louis Gosseline placer.....	Washington Gulch.....	12 N.	8 W.
Sitting Bull lode.....	do.....	11 N.	6 W.
Deer Ledge lode.....	do.....	13 N.	9 W.
Aron Hershfield et al. placer.....	do.....	11 N.	6 W.
<i>Madison County.</i>			
Thomas Halloran placer.....	California.....	5 S.	4 W.
D. W. Williams and Nahum Parker.....	Highland.....	6 & 7 S.	3 W.
Edward W. Payne placer.....	Junction.....	6 S.	4 W.
Morning lode.....	Silver Star.....	1 & 2 S.	6 W.
Ajax lode.....	do.....	do	do
Park lode.....	do.....	2 S.	6 W.
Fagan lode.....	do.....	2 S.	6 W.
Hudson lode.....	do.....	2 S.	6 W.
Henry D. Rossiter placer.....	Summit.....	7 S.	3 W.
Alex. McKay and Abram Thurgood placer.....	Union.....	5 S.	3 W.
Alex. McKay placer.....	do.....	4 & 5 S.	3 & 4 W.
Lexington lode.....	Upper Hot Springs.....	3 S.	1 W.
Judah K. Hartt.....	do.....	4 S.	5 W.
<i>Meagher County.</i>			
John Frith and Elisha Road.....	Avalanche Gulch.....	10 N.	1 E.
John S. Kelly et al.....	Elk Creek.....	10 N.	3 & 4 E.
Joseph V. Stafford placer.....	do.....	10 N.	1 E.
Joseph V. Stafford placer.....	do.....	10 N.	1 E.
<i>Lewis and Clarke County.</i>			
Doctor Howe lode.....	Park.....	9 N.	4 W.
Andrew Glass.....	Seven Mile (unorganized).....	10 N.	4 W.



## Mining claims patented, &amp;c.—Continued.

Name of mine.	Mining district.	Township.	Range.
MONTANA—Continued.			
<i>Lewis and Clarke County—Continued.</i>			
Avon lode and mill site.....	Ten Mile.....	8 N.	5 W.
Merritt lode.....	do.....	8 N.	5 W.
Crown Point lode.....	do.....	8 N.	5 W.
John Denn.....	.....	10 N.	3 W.
Nathan S. Vestel placer.....	.....	11 N.	6 W.
Drum Lumon lode.....	.....	11 N.	6 W.
William Bell Frue et al. placer.....	.....	11 N.	6 W.
Charles W. Cannon placer.....	.....	10 N.	4 W.
Phlipp Constans et al. placer.....	.....	9 N.	4 W.
Topsey lode and mill site.....	.....	11 N.	6 W.
<i>Jefferson County.</i>			
Espérance lode.....	Boulder.....		
Morning Star lode.....	do.....	6 N.	4 W.
May Flower lode.....	do.....	6 N.	4 W.
Kanawha lode.....	Boulder (unorganized).....	7 N.	4 W.
North Pacific lode.....	Colorado.....	7 N.	4 W.
George Wilkinson et al. placer.....	Hot Springs.....	8 N.	3 W.
I. B. Cutler et al. placer.....	.....	9 N.	3 W.
Orange J. Salisbury et al. placer.....	.....	7 N.	5 W.
NEVADA.			
<i>Elko County.</i>			
Columbia lode.....	Centennial.....	44 N.	52 E.
Infidel lode.....	do.....	44 N.	52 E.
California lode.....	Tuscarora.....	30 & 40 N.	51 E.
Buckeye lode.....	do.....	40 N.	51 E.
Navajo lode.....	do.....	39 N.	51 E.
<i>Esmeralda County.</i>			
Indian Queen lode.....	Oneota.....		
First Southern Extension of the Crowning Glory lode.....	Red Mountain.....		
Homestake lode.....	do.....		
Chieftain lode.....	do.....		
Drink Water lode.....	do.....		
Western Soldier lode.....	do.....		
New York lode.....	do.....		
Astor lode.....	do.....		
Crowning Glory lode.....	do.....		
Last Chance lode.....	do.....		
Glory lode.....	do.....		
Black Warrior lode.....	Silver Peak.....		
<i>Eureka County.</i>			
Gas Light lode.....	Eureka.....		
Miland lode.....	do.....		
Banner lode.....	do.....		
Centennial lode.....	do.....		
San José lode.....	do.....		
Delaware lode.....	do.....		
Metamoras lode and mill site.....	do.....		
Phoenix Silver Mining Company's mill site.....	do.....		
Kit Carson lode.....	do.....		
Golden Rule lode.....	do.....		
Blue Bird lode.....	do.....		
Eureka Consolidated Mining Company's mill site.....	do.....		
Silver King lode.....	do.....		
Morris lode and mill site.....	do.....		
Whippoorwill lode.....	do.....		
Madrid lode.....	do.....		
Holly lode.....	do.....		
Keystone lode.....	do.....		
Silver Region lode.....	do.....		
Gore lode.....	do.....		
Victoria lode.....	do.....		
May Day Queen lode.....	do.....		
K. K. Consolidated Mining Company's mill site.....	do.....		
Eureka Giant Lode.....	do.....		
Eureka Consolidated Mining Company's mill site.....	do.....		
Eureka Mine.....	do.....		



*Mining claims patented, &c.—Continued.*

Name of mine.	Mining district.	Township.	Range.
NEVADA—Continued.			
<i>Eureka County—Continued.</i>			
Clipper lode .....	Eureka .....		
Uncle Sam Consolidated lode .....	do .....		
El Dorado lode .....	do .....		
Excelsior and Carlo Zeno lode .....	do .....		
Grand Central lode .....	do .....		
Tiger Lily lode .....	do .....		
Keystone lode .....	Roberts .....		
O'Dair lode .....	do .....		
Hudson lode .....	Secret Cañon .....		
Dolly Varden lode .....	do .....		
Brick Top lode .....	do .....		
<i>Humboldt County.</i>			
Trenton lode .....	Battle .....		
Golconda lode .....	Gold Run .....		
<i>Lander County.</i>			
Morris lode, First East Extension of the Chase lode ..	Reese River .....	19 N.	44 E.
<i>Lincoln County.</i>			
Summit lode .....	Silver Park .....		
Sam Tilden lode .....	do .....		
Roadside lode .....	do .....		
Cadvalader lode and mill site .....	Tem Piute .....		
Tattler lode .....	do .....		
Sleeper lode .....	do .....		
Prodigal lode .....	do .....		
Enterprise and Old Point Comfort lode .....	do .....		
Cliff Liberal and El-Re-Kab lode .....	do .....		
Dumbarton lode and mill site .....	do .....		
Bond lode .....	do .....		
Hope lode .....	do .....		
Poorman No. 2 lode .....	do .....		
Mint lode .....	do .....		
<i>Lyon County.</i>			
Lanzac lode .....	Devil's Gate and Chinatown ..	16 N.	21 E.
Rock Point lode .....	Indian Spring .....		
<i>Nye County.</i>			
Bismark lode .....	Argenta .....	7 N.	50 E.
Richmond lode .....	do .....	7 N.	49 E.
Bullion lode .....	do .....	7 N.	50 E.
Empire lode .....	do .....	7 N.	49 E.
Crescent lode .....	do .....	7 N.	50 E.
Dexter lode .....	do .....	7 N.	50 E.
Boston lode .....	Danville .....	11 N.	48 E.
Richmond lode .....	do .....	11 N.	48 E.
Zealous lode .....	do .....	11 N.	48 E.
Argonaut lode .....	do .....	11 N.	48 E.
Monetary lode .....	Morey .....	9 N.	51 E.
Peytona lode .....	do .....	9 N.	51 E.
Little Giant lode .....	do .....	9 N.	51 E.
Bay State mine and mill site .....	do .....	9 N.	51 E.
American Eagle lode .....	do .....	9 N.	51 E.
Cedar lode .....	do .....	9 N.	51 E.
Keyser lode .....	do .....	9 N.	51 E.
Mount Airy lode .....	do .....	9 N.	51 E.
<i>Storey County.</i>			
General Grant lode .....	Virginia .....	17 N.	21 E.
Venis lode .....	do .....	17 N.	21 E.
Comstock lode .....	do .....	17 N.	21 E.
Francisco Marsano and Marsano lode .....	do .....	17 N.	21 E.
Crowley lode .....	do .....	17 N.	21 E.
Comstock lode .....	do .....	17 N.	21 E.
<i>Washoe County.</i>			
Union lode .....	Galena .....	17 N.	19 E.



## Mining claims patented, &amp;c.—Continued.

Name of mine.	Mining district.	Township.	Range.
NEVADA—Continued.			
<i>White Pine County.</i>			
Grey Eagle lode.....	Cherry Creek.....		
Centennial lode and mill site.....	Gold Cañon.....		
Columbus lode and mill site.....	do.....		
American lode and mill site.....	do.....		
San José lode and mill site.....	do.....		
Pine Tree lode and mill site.....	do.....		
Eastern lode and mill site.....	do.....		
Champion lode.....	Nevada.....		
Young America lode.....	Ward.....		
Defiance lode.....	do.....		
Paymaster lode.....	do.....		
Eberhard lode.....	White Pine.....	16 N.	58 E.
Stafford lode.....	do.....		
Defiance lode and mill site.....	do.....	16 N.	57 E.
NEW MEXICO.			
<i>Grant County.</i>			
McGregor mine.....	Miembres.....	16 S.	11 W.
Naiad Queen silver mine.....	do.....		
OREGON.			
<i>Baker County.</i>			
Daniel Best et al. placer.....	Blue Cañon.....	10 S.	39 E.
Joseph H. Shinn placer.....	Rye Valley.....		
<i>Douglas County.</i>			
D. A. Levens placer.....	Green Mountain.....		
<i>Jackson County.</i>			
W. A. A. Hamilton et al. placer.....	Uniontown.....	39 S.	3 W.
<i>Linn County.</i>			
Wild Bull gold and silver lode.....	No. 3.....		
UTAH.			
<i>Beaver County.</i>			
Cave lode.....	Bradshaw.....		
Rebel lode.....	North Star.....		
Cactus lode.....	San Francisco.....		
Frisco Smelting Company's mill site.....	do.....		
Allen G. Campbell placer.....	do.....		
Elephant lode.....	Star.....		
Hoosier Boy lode.....	do.....		
<i>Iron County.</i>			
Joseph R. Walker et al. placer.....	Iron Springs.....	35 S.	12 W.
Joseph R. Walker et al. placer.....	do.....	35 S.	12 W.
Joseph R. Walker et al. placer.....	do.....	35 S.	12 W.
<i>Juab County.</i>			
Joe Bowers lode.....	Tintic.....		
North Star lode.....	do.....		
South Mammoth lode.....	do.....		
First Southern Extension Sunbeam lode.....	do.....		
Joseph M. Locke mill site.....	do.....	10 S.	2 W.
<i>Salt Lake County.</i>			
Maxfield lode.....	Big Cottonwood.....		
Carbonade lode.....	do.....		
Belshazzar lode.....	do.....		
Amanda lode.....	do.....		
Dolphin lode.....	do.....		
Carioca lode.....	do.....		
Oskaloosa lode.....	do.....		
Great Western lode.....	do.....		



*Mining claims patented, &c.—Continued.*

Name of mine.	Mining district.	Township.	Range.
UTAH—Continued.			
<i>Salt Lake County—Continued.</i>			
Matilda lode .....	Big Cottonwood .....		
Eclipse lode .....	do .....		
Black Bess lode .....	do .....		
Bearson lode .....	do .....		
Christopher Columbus lode .....	Big and Little Cottonwood .....		
Cunningham No. 2 lode .....	do .....		
Utah lode .....	Little Cottonwood .....		
Centennial No. 1 lode .....	do .....		
Cincinnati lode .....	do .....		
No. 2 lode .....	do .....		
Braine lode .....	do .....		
No. 3 lode .....	do .....		
No. 1 lode .....	do .....		
Honey Comb lode .....	do .....		
Cedar lode .....	do .....		
West Wind lode .....	do .....		
Josephine lode .....	do .....		
Leontine lode .....	do .....		
Balance Tunnel lode .....	do .....		
Highland Chief lode .....	do .....		
Stormont lode .....	Harrisburg .....	41 S.	14 W.
Saginaw lode .....	West Mountain .....		
Wide West lode .....	do .....		
Sunrise lode .....	do .....		
Yampa lode .....	do .....		
Chicago Silver Mining and Smelting Company's lode .....	do .....		
Red Rover lode .....	do .....		
Washington mine .....	do .....		
Tilden lode .....	do .....		
Saturn lode .....	do .....		
Webster lode .....	do .....		
Silver Maid lode .....	do .....		
Saint Bartholomew lode .....	do .....		
Knickerbocker lode .....	do .....		
Saint Mark lode .....	do .....		
Bret Hart lode .....	do .....		
Evergreen lode .....	do .....		
Miner's Home lode .....	do .....		
Trinity lode .....	do .....		
Colonel Sellers lode .....	do .....		
Sacred lode .....	do .....		
Little Treasure lode .....	do .....		
Charles A. Dana lode .....	do .....		
Agnes lode No. 2 .....	do .....		
Henry M. May placer .....	do .....		
Saratoga mine .....	do .....		
First West Extension Telegraph lode .....	do .....		
Bonnie Blue Flag lode .....	do .....		
Levant mine .....	do .....		
Mighty Dollar lode .....	do .....		
Amanda lode .....	do .....		
First Chance lode .....	do .....		
Highland lode .....	do .....		
Winnebago lode .....	do .....		
Knickerbocker lode .....	do .....		
<i>Summit County.</i>			
Hidden Treasure lode .....	Uintah .....		
Last Chance No. 2 lode .....	do .....		
Robert C. Chambers mill site .....	do .....		
Clara Davis lode .....	do .....		
Washington Tunnel mine .....	do .....		
Kervin lode .....	do .....		
Little Mc lode .....	do .....		
Whitford mine .....			
<i>Utah County.</i>			
Belorophon lode .....	American Fork .....		
Robert Warnock et al. placer .....	Big Springs .....	5 S.	2 E.
<i>Tooele County.</i>			
Virginia lode .....	Dugway .....		
Third Term lode .....	Grantsville .....		
Pine Grove lode .....	Ophir .....		



Mining claims patented, &c.—Continued.

Name of mine.	Mining district.	Town-ship.	Range.
UTAH—Continued.			
Tooele County—Continued.			
Buckhorn lode .....	Ophir .....		
Silver King No. 2, West Extension B lode .....	Rush Valley .....		
Wasatch County.			
Clara lode .....	Blue Ledge .....		
Jones lode .....	do .....		
Kate Walker lode .....	do .....		
Lowell Mine and Company's lode .....	do .....		
Joe Walker lode .....	do .....		
McHenry lode .....	do .....		
Emma lode .....	do .....		
Indian Queen lode .....	do .....		
Joe Walker lode .....	do .....		
Washington County.			
Walker lode .....	Harrisburg .....	41 S.	14 W.
Chloride Chief mine .....	do .....	41 S.	13 W.
Tecumseh lode .....	do .....	41 S.	14 W.
Barbee lode .....	do .....	41 S.	14 W.
Silver Crown lode .....	do .....	41 S.	13 W.
Maggie lode .....	do .....	41 S.	14 W.
Silver Flat lode .....	do .....	41 S.	13 & 14 W.
Silver Point lode .....	do .....	41 S.	13 W.
WYOMING.			
Carbon County.			
F. A. Harrington placer .....	Natrona .....		
Lammot Du Pont placer .....	do .....		
Total mineral claims .....			866

COAL PATENTS.

Name of mine.	Description.	Town-ship.	Range.
UTAH.			
Roscoe C. Facer .....	W. $\frac{1}{2}$ of the NW. $\frac{1}{4}$ , and SE. $\frac{1}{4}$ of the NW. $\frac{1}{4}$ of section 11.	14 S.	6 E.
WASHINGTON.			
Edward S. Smith .....	NW. $\frac{1}{4}$ of the SW. $\frac{1}{4}$ of section 34.	19 N.	6 E.
Henry Cavendish .....	SW. $\frac{1}{4}$ of the NE. $\frac{1}{4}$ , and NW. $\frac{1}{4}$ of the SE. $\frac{1}{4}$ of section 28.	14 N.	2 W.
Frank Clark .....	W. $\frac{1}{2}$ of the NW. $\frac{1}{4}$ of section 34	19 N.	6 E.
Henry C. Hale .....	SE. $\frac{1}{4}$ of section 28.	19 N.	6 E.
William B. Kelly .....	NE. $\frac{1}{4}$ of the SW. $\frac{1}{4}$ , and S. $\frac{1}{2}$ of the SW. $\frac{1}{4}$ , and SW. $\frac{1}{4}$ of the SE. $\frac{1}{4}$ of section 34.	19 N.	6 E.
Richard D. Chandler .....	S. $\frac{1}{2}$ of the NW. $\frac{1}{4}$ , and N. $\frac{1}{2}$ of the SW. $\frac{1}{4}$ of section 4.	18 N.	6 E.
John R. Erringer, jr. ....	N. $\frac{1}{2}$ of the SE. $\frac{1}{4}$ , and NE. $\frac{1}{4}$ of the SW. $\frac{1}{4}$ of section 32.	19 N.	6 E.
Charles B. Shattuck .....	SW. $\frac{1}{4}$ of the NE. $\frac{1}{4}$ , the W. $\frac{1}{2}$ of the SE. $\frac{1}{4}$ , and the SE. $\frac{1}{4}$ of the SE. $\frac{1}{4}$ of section 4.	18 N.	6 E.
Henry G. Struve .....	S. $\frac{1}{2}$ of the N. $\frac{1}{2}$ of section 32.	19 N.	6 E.
Robert Wingate .....	Fractional lots Nos. 3 and 4 of section 4, and S. $\frac{1}{2}$ of the SE. $\frac{1}{4}$ of section 32.	18 & 19 N.	6 E.
			11

Mineral claims .....	866
Coal claims .....	11
Total number of patents issued .....	877



Recent decisions affecting rights under the United States mining laws are presented below :

### SURVEY OF MINING CLAIMS.

1. A claimant, having a mining claim which has been located and recorded according to law, has the right to have it surveyed and platted in accordance with the location by or under the direction of the surveyor-general.
2. The procuring of an official survey of a mining claim is an *ex parte* proceeding, in which the claimant alone is interested, and no one except the claimant can have the right to appeal from the approval or disapproval of the survey.

DEPARTMENT OF THE INTERIOR,  
Washington, August 9, 1880.

SIR: I am in receipt of your letter of the 24th June, accompanied with the papers in the matter of the protest of M. Shaughnessy against approval by the surveyor-general of Utah Territory of the surveys of the following mining claims, to wit: The Orient, The Occident, Union Tunnel No. 1, and Union Tunnel No. 2, situate in Uintah mining district in said Territory. The claims purport to have been located in pursuance of section 2323 of the Revised Statutes, notices of the location of which were regularly recorded. The surveys above mentioned are of those locations. There is no charge of misconduct against the deputy who executed the surveys, nor is the correctness of his work in any way questioned. The protest is based upon the alleged fact that the surveys embrace the surface ground of other claims of prior location, founded upon discoveries made from the surface, which claims have already been surveyed, and for which, it is alleged, applications for patents are pending.

Upon the filing of the protest in his office, the surveyor-general forwarded the same to your office, together with the field notes and plats of the surveys and copies of the said notices of location, and asked to be instructed in the premises. Finding the facts to be as above stated, and that the locations were correctly surveyed, your office, under date of June 11, 1880, instructed the surveyor-general to approve the said surveys; whereupon the protestant, under date of the 21st June, applied by telegram to have the surveyor-general instructed to withhold his approval, and to be allowed thirty days within which to appeal from your instructions. You report the whole matter to this department, and recommend, in effect, that the application be denied. I fully agree with your recommendation. In the first place, a claimant having a mining claim which has been located and recorded according to law, has the right to have it accurately surveyed and platted, in accordance with the location, by or under the direction of the surveyor-general; and, in order that he may use such survey and plat in the proper prosecution of any right which he may have or allege to patent for such claim from the United States, he is entitled to the surveyor-general's approval of the survey, and his usual certificate showing that the same was made in accordance with the law and instructions, and that the plat is correct; provided, always, that the claimant pays the expenses of the survey (Revised Statutes, sections 2325, 2326, and 2334); and no one, in my opinion, has the right to be heard before the surveyor-general, your office or this department, by protest or otherwise in opposition to the making or the approving of such survey, or the granting of such certificate, except the party entitled to the survey. The procuring of an official survey of a mining claim is, from its very nature, an *ex parte* proceeding, in which the claimant alone is interested. It prejudices the rights of no one, and settles or decides nothing as regards the title of the claim. When such a survey is procured, it may be used as evidence by the claimant in proceedings for patent. If there be a previous application for a patent of the same lands, such survey cannot be of any value until such prior application be rejected, because such application would withdraw the lands described from subsequent application. If such prior application be rejected, it would, however, be of value to the party making the claim. It is the kind of evidence expressly provided by law for the purpose of identifying a claim and showing its exact location and boundaries; and it is a fundamental legal principle that a party may produce competent evidence in support of an asserted right. But such a survey is not conclusive evidence, and may be objected to by an adverse claimant and overthrown by competent testimony. By this right of objection all adverse parties in interest are fully protected, and may be heard, at the proper time, before tribunals having jurisdiction and ample authority in the premises. Until introduced in evidence for the purposes contemplated by the mining statutes, a survey of a mining claim is not subject to objection by any one but the applicant therefor, nor until then is there any occasion for objection or protest save by the party for whom the survey is being made. A mining location, or record of location, might, with equal propriety, be objected to or protested against by parties not claiming under it. In every proceeding for patent under the mining statutes, not only does the tribunal before which the matter is pending examine into and pass upon the correctness and legality of the survey, but it considers and decides the question of the legality of the location itself. Your office and



this department have undoubted authority to make and enforce all proper and needful regulations concerning the manner of making surveys of mining claims, and exercise general supervisory powers in the premises; and may investigate cases of misconduct or insubordination on the part of deputy surveyors and surveyors-general, and enforce the production of honest and accurate surveys. And I think the enforcement of the circular instructions of your office of November 20, 1873, which I fully approve, will secure proper surveys of mines, and leave no cause for complaint by any one. From what has been said, it necessarily follows that no one, except a claimant requesting a survey of a mining claim, has the right of appeal from a proposed or an actual approval or disapproval of a survey of such claim, or to appeal from any instructions of your office to the surveyor-general regarding such a survey.

The papers submitted by your letter are herewith returned.

Very respectfully,

A. BELL,  
*Acting Secretary.*

The COMMISSIONER OF THE GENERAL LAND OFFICE.

In case of conflict of claim, each claimant has the right to ask and receive his own survey in the regular order and dispatch of business, without reference to other surveys awaiting approval or in process of execution in every stage of the proceeding. The first in time is the first in right.

While the matter is not submitted on proper appeal, these instructions are issued for guidance in future cases.

DEPARTMENT OF THE INTERIOR,  
*Washington, August 18, 1880.*

SIR: I have considered the appeal from your instructions of April 12, 1880, to the surveyor-general of California, in the matter of the delivery to John Mains *et al.* (styling themselves the Mountaineer Mining Company), the Big Flat Gold Mining Company, and the Big Flat Gravel Mining Company, respectively, of certain mining surveys made by him under partially conflicting locations of placer claims in Del Norte County. November 4, 1867, John Mains *et al.* and the Big Flat Gold Mining Company filed applications for the survey of their respective claims, and L. B. Healey, deputy surveyor, was directed to execute the same.

Novemembr 6, 1879, the Big Flat Gravel Mining Company applied for survey of its claims, and Charles F. Kaufman was employed as deputy to execute the work.

The grounds covered by these latter applications were a portion of those claimed in the former, although described by subsequent locations under different names, and the conflict does not appear to have been known to the surveyor-general at the time of ordering the surveys.

\* \* \* \* \*

There was no proper appeal before you at the date of your instructions.

Those instructions were, however, issued and made to relate to these applications for surveys; and, in view of the general practice to be affected by them, I deem it proper to give them such consideration as their importance demands, with a view of deducing a correct and uniform rule for the government of future cases of this nature.

In so far as you declined to take cognizance of any matters affecting the alleged ownership of the mining possessions, or to make any decision upon the same, you were undeniably correct. The reasons therefor are fully set out by you in this case, and also in the case of the protest of M. Shaugnessy against the approval of certain mineral surveys in Utah, submitted by your letter of the 24th of June last, and affirmed by me on the 9th instant.

In that case it was decided that no question relating to the merits of opposing claims could be considered by the surveyor-general; that the law has provided for the presentation of such matters to the register and receiver by the filing of an adverse claim within sixty days after the application for patent; that the merits of the proceeding for patent were then immediately transferred to the courts, unless by failure to bring suit the adverse claim was waived. In my decision it was also expressly held that the proceeding for the procuring of an official survey of a mining claim is, from its very nature, *ex parte*; that it prejudices the rights of no one, and settles or decides nothing as regards title; that no one has the right to be heard before the surveying department, by protest or otherwise, in opposition to the making or the approving of the survey except the party applicant therefor.

Measured by these rules it would appear that the question of priority of application, or execution, or approval, or delivery, is alike removed from contention by conflicting claimants; that each has the right to ask and receive his own survey in the regular order and dispatch of business, and without reference to other surveys awaiting approval or in process of execution.

The only rule of priority should relate to the order of receipt of the particular work requiring action. If application for survey be made, it should, of course, receive attention in advance of subsequent applications. When placed in the hands of the deputy, with the proper instructions, it should be executed by such deputy in the



regular order of his allotted work, and when returned to the surveyor-general for approval the surveys should, in like manner, be examined and approved in the regular order of their receipt. If this rule should in the discretion of the surveyor-general be departed from, it should only be upon good and clear reasons, and in cases where it would work no injury nor prejudice to others.

In case of located mining claims, the survey, as before intimated, is not the first proceeding. The location is the original step. The survey is but an official marking of what has already been marked and recorded under the laws respecting such locations.

The official survey must follow the record of the location. Whether it conflict or not with another recorded claim is not material. It is the private property of the claimant, and its value depends upon its accurate conformity to the record. Having a right to its procurement, no other party should be allowed to intervene to delay its execution or withhold its delivery when prepared. But in its execution the deputy is usually designated, and employed by the applicant, and if another deputy, employed in the survey of a different location, under a subsequent application, succeeds, by greater diligence in first returning his field work to the surveyor-general, the first applicant cannot demand that such work shall be set aside, or held to await the return of the deputy employed by him. The order of proceeding is preserved by action upon the work next immediately in hand, not by awaiting the return of work not yet executed, although previously ordered. This is the only reward of diligence: that in all stages of the proceeding the first in time is the first in right, and if the execution of the work by the agent selected by the applicant is not completed as early as the work of another by whom he fears he may be anticipated, he must, nevertheless, accept the situation, and pursue his right accordingly in the subsequent proceedings, whether he shall succeed in securing the advantage of an applicant for patent or be relegated to the position of adverse claimant. Any other rule would work injustice to the party thus compelled to await action upon the other surveys, and subject him to the delays incident to laches, caprice, favoritism, and the like, or, where these do not intervene, to the possibilities of holding a small amount of work for the completion of a much larger contract, with which, except in a small part, his claim is not in conflict.

In so far, therefore, as the action of the surveyor-general, or your instruction, went beyond these well-defined limits of proper executive action, and made the rights of the parties dependent upon each other, without regard to the condition of the work when it was reached in its proper order, I think there was error. Having no right to question the regularity or sufficiency of the mere application for a survey by other parties until confronted with such survey as matter of evidence in a proper proceeding upon the merits, after issue joined in a competent tribunal, there could arise no question of priority, unless raised by the surveyor-general himself, in holding the one survey to be dependent upon the other, and attempting to control the priority of application for patent before the register by his own will and discretion in the approval and delivery of the plats. This he could not lawfully do; and, if he should attempt to so discriminate, his action would be just subject of complaint and protest, and liable to be overruled by you. Prior to delivery of the plats, it might, possibly, upon proper foundation laid, be subject to appeal; but, after such delivery, there would, as a matter of fact, be no power to afford a remedy, as the *res* of the action would have passed beyond jurisdiction. Consequently in such a case recourse to appeal would be futile.

In the present instance such appears to be the condition of the matter. There being nothing to adjudge upon the appeal, it must be dismissed. The practice to be affected will, however, be governed by the foregoing suggestions, and, whenever occasion may require, may be enforced by your office by proper instructions.

The papers submitted by your letter of June 1, 1880, are returned.

Very respectfully,

A. BELL, *Acting Secretary.*

The COMMISSIONER OF THE GENERAL LAND OFFICE.

ALBERT JOHNSON.

A mining location must be substantially a parallelogram.

The middle of a vein or lode must be ascertained by actual exploration and development, and cannot be assumed to be in an unexplored position.

The location must be on one vein, and but one vein can be made the basis of the location survey of a mining location.

DEPARTMENT OF THE INTERIOR,

GENERAL LAND OFFICE,

Washington, D. C., May 4, 1880.

SIR: Referring to your letter of February 4, 1880, submitting tracings of two surveys, which you say appear to come directly under the ruling of this office, in the case of the Helvetia lode, lot No. 212, dated March 6, 1879, and asking for instructions with regard to approving the same, as shown by the tracings, is at hand, and has been considered.



Regarding the location of lode claims, section 2320 of the United States Revised Statutes reads as follows: "A mining claim located after the tenth day of May, eighteen hundred and seventy-two, whether located by one or more persons, may equal, but shall not exceed, one thousand five hundred feet in length along the vein or lode; but no location of a mining claim shall be made until the discovery of the vein within the limits of the claim located. No claim shall extend more than three hundred feet on each side of the middle of the vein at the surface. \* \* \* The end lines of each claim shall be parallel to each other."

The location contemplated by the law above quoted must have been essentially a parallelogram. The wording of the law evidently presupposes such a figure or it would not have been made to read *fifteen hundred feet in length by three hundred in width* on each side of the middle of the vein at the surface. Had the complicated figures shown in your tracings been thought possible or likely to occur, the law would have been differently framed in order to meet just such contingencies; for, as I shall endeavor to show, it is only when certain peculiar conditions exist that such a location can be made to satisfy the intent of the mining act.

Locators' rights of possession and enjoyment are defined by section 2322 of the United States Revised Statutes to be as follows, to wit: "Locators shall have the exclusive right of possession and enjoyment of *all the surface included within the lines of their location, and of all veins, lodes, and ledges throughout their entire depth, the top or apex of which lies inside of such surface lines, extended downward vertically*, although such veins, lodes, or ledges may so far depart from a perpendicular in their downward course as to extend outside the vertical side lines of such surface locations. *But their right of possession to such outside parts of such veins or ledges shall be confined to such portions thereof as lie between vertical planes drawn downward, as above described, through the end lines of their locations, so continued in their own direction that such planes will intersect such exterior parts of such veins or ledges.* And nothing in this section shall authorize the locator or possessor of a vein or lode which extends in its downward course beyond the vertical lines of his claim to enter upon the surface of a claim owned or possessed by another."

The intent of the above-quoted section of the Revised Statutes was held by the Supreme Court, in its decision in the case of the Flagstaff Silver Mining Company of Utah vs. Helen Tarbet (Copp's Land Owner, June, 1879, p. 42), to be as follows:

"That mining locations on lodes or veins shall be made thereon lengthwise, in the general direction of such veins or lodes on the surface of the earth where they are discoverable, and that the end lines are to cross the lode and extend vertically downward, and that the right to follow the dip outside the side lines is based upon the hypothesis that the direction of those lines corresponds substantially with the course of the vein or lode at its apex on or near the surface.

"It was not the intent of the law to allow a person to make his location crosswise of a vein so that the *side lines shall cross it*, and thereby give him the right to follow the strike of the vein outside his side lines. That would subvert the whole system sought to be established by the law.

"As the law stands, we think that the right to follow the dip of the vein is bounded by the end lines of the claim, properly so called, which lines are those which are crosswise of the general course of the vein on the surface. The Spanish mining law confined the owner of a mine to perpendicular lines on every side, but gave greater or less width according to the dip of the vein, but our laws have endeavored to establish a rule by which each claim shall be so many feet of the vein lengthwise of its course, to any depth below the surface, although laterally *its inclination may carry it ever so far from a perpendicular.*"

Such a location as the one shown in survey No. 709 was evidently never contemplated by the law as above quoted, which clearly means that the claim must be contained between parallel end lines indefinitely extended, for the right of possession to the outside parts of such veins or ledges as may extend in their downward course outside the vertical side lines of the surface location is based upon the supposition that such right of possession is *limited and confined by the vertical planes drawn downward through the parallel end lines of the surface location extended indefinitely.* \* \* \*

Attention is called in your letter to red lines drawn through the middle of each of the surveys, Nos. 462 and 709, marked "center of vein," and the deputy says: "The discovery shaft is found in the former to be about 95 feet southerly from the center of the vein, and the center of the vein is in the middle between the side lines of said survey, and that the red lines indicate the center of the land."

In the very nature of the thing, a lode or vein, in its unworked and undeveloped stage, cannot be known and surveyed so as to plat it and make a diagram of it.

No developments or workings are shown upon the lines indicated in the tracings as the center lines of the veins, although in both instances shafts are shown at a considerable distance therefrom.

Particularly is this the case with survey No. 462.

In neither case are any workings indicated or proof offered to show that the lodes



or veins make the extraordinary departures from a straight course shown upon the tracings; a line is simply drawn through the center of the claim and called the "center of the vein."

This assumption that the middle of the vein is in an unexplored position is unwarrantable. The middle of the vein must be ascertained by actual exploration and development, or the discovery shaft must, for executive purposes, be taken as the middle of the vein, and the lateral measurements made therefrom.

Concerning the diagrams forwarded by you, and not hereinbefore specifically explained, I may best remark that the statute contemplates a lode location to be *substantially* a parallelogram; and that the several calls of the statute, the grant of right, the limitation of rights, and the theory of the law, all point to this conclusion.

I do not intend to be understood as construing the law as requiring a perfect parallelogram; but it must not vary largely from that figure, for such material variance involves conditions which in a greater or less degree, according to circumstances which at the date of location, and patent even, are most frequently unknown quantities, conflict with the theory of the law, render uncertain the property rights of adjoining owner or owners in the vicinity, and, in a patent which should convey the property in that form which will at least render an application of the law to its subsequent use possible, result in rich and apt material for litigation.

A portion of a side line cannot properly be made an end line. Lodes and veins do not separately run in the tortuous manner represented in the diagrams of surveys Nos. 462, 709, and 212.

If the topography of the country does not permit the claimant to take under the law all he claims, yet he must abide by the law.

The law contemplates that he shall make his location on *one vein*; and while certain rights attach to other veins whose top or apex is found within his surface boundaries, yet but one vein can be made the basis of his location.

It is from the middle of that vein that his lateral measurements must be made. The surveys Nos. 462, 709, and 212 indicate the probability that they were made with the intent to embrace therein different and distinct lodes. An examination of the attached plat of the Jay lode, lot No. 169, Boulder County, Colorado, indicates the ease with which surveys such as you submit could include several separate and distinct veins, and as a geological proposition it is extremely improbable that the survey you forward can be defended.

I cannot authorize their approval in their present form, and before giving them your approval you will require such modification as will bring them within the proper form as above indicated.

Very respectfully,

J. A. WILLIAMSON,  
Commissioner.

ALBERT JOHNSON,  
United States Surveyor-General, Denver, Col.

#### DYER ET AL. vs. JACKSON ET AL.

*Lines of original location.*—Any deviation from the lines originally marked on the ground, or any change in the application for patent from the lines as established in the location as made, will defeat the right to a patent; for patent cannot issue for a claim any part of which is outside of the location.

GENTLEMEN: A re-examination of mineral entry No. 334, made November 23, 1878, by Frank H. Dyer and Amos K. Smith, upon the Tilden lode, together with the protest of John J. Jackson, John Olson, John Busick, and Henry Dalstrom, develops an uncertainty relative to the survey of the claim upon which patent is sought by applicants.

Making no reference to the charges of bad faith and fraudulent procedure made against Amos K. Smith, I find it alleged by complainants, in substance, that the survey of said claim, No. 171, was not for the land originally located. It is asserted that the original claim was plainly marked upon the surface by stakes set at the time of location, and that said stakes were shifted some 400 feet from their original location, and thereby threw the claim in conflict with the Harriet claim, which is upon a totally different lode than the Tilden proper, which was located, as alleged, parallel with the Harriet; and that the Tilden was so changed by survey from its original position as to leave no trace of identity.

It is also alleged that \$500 expenditures have not been placed upon the claim by applicants, as required by law, to entitle them to make application for patent.

The Carriboo lode was located May 23, 1874, and the same ground was relocated June 13, 1876, as abandoned property, under the name of the Tilden lode. The locus of the claim is described in the location notice as follows, to wit: "The said Tilden lode being situated about one-fourth of a mile southwest from the mouth of Cottonwood Gulch, and about 1,200 feet northwest of the spring above Stacy Williams' house



in Carr Fork, in West Mountain mining district, Salt Lake County, Utah Territory, and running 750 feet northeasterly and 750 feet southwesterly from the Notice Monument and Discovery Shaft, and 100 feet on each side of the vein and along its course to the extent of this location, with all its variations."

Section 2324, United States Revised Statutes, provides that "The location must be distinctly marked on the ground, so that the boundaries can be readily traced. All records of mining claims hereafter (May 10, 1872) made shall contain the name or names of the locators, the date of location, and such a description of the claim or claims located, by reference to some natural object or permanent monument, as will identify the claim."

It is manifest from the description given in the location notice above recited that while the general locality of the claim is described, absolute identity of claim could not be known from the data given therein.

It is true that affidavits alleging the identity of the survey with the location are submitted; but affidavits directly to the contrary have also been filed; and it is my duty, before issuing patent upon any mine, to be satisfied that the land sought to be patented is covered by the location on which the application for patent is based, and no patent can issue for a claim any part of which is outside its location.

It is also necessary, when any want of certainty in description is found in the papers, that the absolute identity of the claim be established to the satisfaction of this office. You are, therefore, hereby directed to forthwith give notice, by publication for 30 days as specified in instructions on page 26 of the inclosed circular, and also by personal notice to the applicants for patent, for a hearing to determine the aforesaid questions relative to the amount of expenditure on the Tilden lode, and the identity of survey No. 171 with its location.

No expenditures made by the Cariboo locators or owners, and none made by any person or persons except under the Tilden location, can be considered.

You will receive any testimony which may be offered by any parties who present themselves as witnesses, and endeavor by careful inquiry to clearly develop the facts concerning the points in question.

The complaint of the Harriet lode claimants, including affidavits on the questions recited, is herewith inclosed.

You will return the same with the record of the hearing.—(Letter of Acting Commissioner J. M. Armstrong to Register and Receiver, Salt Lake City, Utah, January 15, 1880.)

#### MORRISON ET AL. vs. LINCOLN MINING COMPANY.

A stipulation between the applicant for patent and a party claiming adversely, that such opposing party may file an adverse claim within twenty days after the period of publication with the same effect as if filed during such period, is void and of no effect, as the statutory period of sixty days within which an adverse claim may be filed cannot be lengthened or abridged.

DEPARTMENT OF THE INTERIOR, GENERAL LAND OFFICE,  
Washington, D. C., September 19, 1879.

GENTLEMEN: In the matter of the application for patent to 1,500 linear feet upon the Lincoln lode, made in your office, July 31, 1875, by the Lincoln Silver Mining Company, of Colorado, which application was suspended by you for reasons hereinafter stated, the facts appear to be as follows:

The applicant claims as owner by purchase. Publication was made from August 7, 1875, to October 9, 1875, the full period of ten weeks, during which time posting on claim and in land office was performed, and complete proof thereof filed, with the exception of affidavit of continuous posting, which was made by Charles S. and Joseph B. Case, with this explanation: "It is impossible to obtain the affidavit of the agent of the company that the plat and notice remained posted on claim sixty days, and in lieu thereof the within is submitted." To make this proof complete, it should be shown that said affiants acted under authority of the company as its agents for this purpose, at the time of making said proof; otherwise the affidavit of the duly authorized agent of the company will be necessary.

No adverse claim was filed during the period of publication, but a stipulation—setting forth that J. H. Morrison, James McNassor, and the heirs of Sylvester Ferguson, deceased, claimed to own a portion of the land applied for by the Lincoln Silver Mining Company; that it was believed by the parties thereto that the differences existing might be harmoniously settled and suit avoided; that if it should prove that no amicable settlement could be arrived at, then the said Morrison *et al.* should be at liberty, at any time within twenty days after the period of publication should have expired, to file with the register and receiver an adverse claim with the same effect as if filed during the period of publication, and proceedings under the application for patent should be suspended by the register and receiver until the matter could be adjudicated by the courts—was signed by the attorneys of the respective parties, and filed in the case.



Within the period of twenty days after the expiration of the period of publication, to wit, on the 22d of October, 1875, the last day of publication being the 9th day of said month, an adverse claim was filed with the register and receiver, as provided for in the above recited stipulation; and thereupon proceedings were suspended under the application and suit was commenced 20th November, 1875.

By certified copy of court minutes it appears that this cause was, upon motion of plaintiff's attorney, continued from term to term, and on the 24th December, 1878, more than three years after commencement of action, was still pending; and it does not appear that during all this length of time any motion was made by plaintiffs for a rule on defendants to plead, or that issue was joined.

Claimants ask that said adverse claim be dismissed, for the reasons, among others—

First. That the said adverse claim was not filed during the period of publication, but was filed after such period of publication had expired.

Second. That said adverse claim has been waived by negligence of Morrison *et al.* in prosecuting the suit.

Section 2325 United States Revised Statutes prescribes that "If no adverse claim shall have been filed with the register and receiver of the proper land office at the expiration of the sixty days of publication, it shall be assumed that the applicant is entitled to a patent, upon the payment to the proper officer of five dollars per acre, and that no adverse claim exists; and thereafter *no objection from third parties to the issuance of a patent* shall be heard, except it be shown that the applicant has failed to comply with the terms of this chapter."

The succeeding section prescribes the manner in which an adverse claim shall be filed and proceedings stayed.

Where the statute is mandatory, and prescribes one way in which a thing shall be done, it cannot be done in any other way. The statutory provision being that an adverse claim must be filed with the period of publication, and declaring that if not filed within such period "no objection from third parties to the issuance of a patent shall be heard except it be shown that applicant has failed to comply with the terms of this chapter," it is mandatory upon the register and receiver, and upon this office, after the expiration of such period of publication, to recognize no adverse claim and hear no objection whatever to the issuance of a patent, except to show that the applicant has not complied with the terms of said chapter.

It is not within the power of applicants for patent to extend or abridge the period of publication. If they can by stipulation change this provision of law, I know of no reason why they might not avoid any other in the same way; and to admit that a specific mandatory provision of statute can be avoided by agreement of the parties affected by it would be absurd and work endless confusion.

Consent cannot give jurisdiction, where no authority of law is given over the subject-matter to be adjudicated. As Morrison *et al.* failed to comply with the law, by neglecting to file their adverse claim within the time prescribed by law, which they were bound to know and understand, they cannot now, even by agreement with their opponents, clothe the register and receiver with a power not granted by the statute.

Had the adverse claim been properly filed within the period of publication, the question as to whether "reasonable diligence" had been used in the prosecution of the suit filed in pursuance thereof within thirty days from said filing of the adverse claim would have been a matter for the court to determine and not this office. (See decision of the honorable Secretary of the Interior, Iowa Mining Company *vs.* The Bonanza Mining Company, June 25, 1879.)

For the reasons stated, the said adverse claim of Morrison *et al.* is dismissed, and applicant is at liberty to complete his proof, pay for the land, and make entry.

Notify all the parties concerned hereof. The adverse claimants not having filed their adverse claim within the period of publication, must be regarded as protestants only, and are entitled to no appeal.

Respectfully,

J. M. ARMSTRONG,  
Acting Commissioner.

REGISTER and RECEIVER, Leadville, Colo.

#### JACQUES *vs.* ROBINSON.

Where there is no surface conflict, no stay of proceedings should be had upon an adverse claim filed by the owners of another location, but the surface should be patented, leaving subsequent developments to determine the rights of the respective claimants.

If the allegations of the adverse claimant are true, they do not constitute an adverse claim.

DEPARTMENT OF THE INTERIOR,  
GENERAL LAND OFFICE,  
Washington, February 28, 1880.

GENTLEMEN: I have examined the papers submitted, constituting the adverse claim of John W. Jacques; as part owner of the "Smuggler lode," against George B. Rob-



inson *et al.*, claimants and applicants for patent to the "78 lode," and have arrived at the conclusion that the allegations of fact set forth by said Jacques in his sworn statement are insufficient to constitute a valid adverse claim.

The two claims in dispute are located at right angles to each other, and the surface boundaries do not in anywise conflict or come in contact, but on the contrary are separated at the nearest approach by the surface ground of survey No. 368 of the "Undine" lode, a distance of about 70 feet.

The 78 lode was located September 20, 1878, and the Smuggler lode November 18 of the same year.

The facts alleged by the adverse claimant are, in substance, that said Smuggler lode came into possession and ownership of said George B. Robinson, who conveyed one-half thereof to John W. Jacques, adverse claimant herein, and that at the date of said conveyance said Robinson was also owner of one-half of the 78 lode. That the pitch of the 78 lode is toward the Smuggler lode at an inclination of about  $18^{\circ}$ , and that if patent be granted to said 78 lode with the right to follow it in its downward course outside of the vertical side lines of the claim, it would convey to said applicants for the 78 lode the right to extract all the ore in the Smuggler lode, thus defeating the effect of the conveyance from Robinson to Jacques. It is further alleged that the Smuggler lode and 78 lode are one and the same vein.

If the formation of the vein of the 78 claim is such that a patent will give its owners the right to extract all the ore in the Smuggler lode, then the 78 owners have the right already; for the patent merely conveys the fee, while their possessory title assures them all the rights to extract the ore which are conveyed by patent; and if there has been an illegal entry upon the domain of the Smuggler claim, and ore extracted therefrom which belongs to the owners of the Smuggler, such proceedings are wrongful acts which are the subject of proceedings in a court of competent jurisdiction, whether the 78 claim is patented or not.

Moreover, if the alleged fact be true that a patent would give said right, it follows that the Smuggler location is based upon a discovery of the lode or vein to which the 78 claimants have, by reason of priority of location, the better right, and is a confession by the Smuggler claimants that the top or apex of their vein is within the boundaries of the 78 claim.

As it is shown by the plat filed that the Smuggler location is nearly at right angles with that of the 78 claim, and that their surface boundaries do not conflict or come in contact, the end line of the Smuggler lying opposite the side line of the 78, it is clear that the Smuggler has no right beyond said end line, and the question whether the 78 lode extends under the Smuggler by its lateral dip is one which in no manner affects the right to a patent for the 78 claim. If the 78 vein does so extend, the right of the owners is clear. If, however, the true course of the vein on which both the 78 and the Smuggler claims are located is crosswise the 78, then, under the decision of the Supreme Court of the United States in the case of the Flagstaff Silver Mining Company *vs.* Helen Tarbet (see Copp's Land Owner, June, 1879), the side lines of the 78 location are the end lines of their claim, and the courts will restrain them from proceeding further. In short, if all the allegations of the adverse claimants are true, they constitute no objection to the issue of patent to the 78 lode.

The 78 lode is the prior location, and is not alleged to conflict as to surface rights; hence the adverse claim would not be good on general demurrer, and should not work a stay of proceedings. If the 78 claimants should mine beyond where it is their right to mine under the law, it would be simply a trespass, to be restrained by injunction and punished by damages obtained by proper proceedings in court.

The rule governing in cases where there is no surface conflict is stated in the decision of the honorable Secretary of the Interior of February 24, 1873, in the matter of the application of the Julia Gold and Silver Mining Company for certain claims in Nevada. (Copp's Mining Decisions, pp. 101, 105.) I construe this decision to mean that where there is no surface conflict, no stay of proceedings should be had upon an adverse claim filed by the owners of another location, but that the surface shall be patented, leaving subsequent developments to determine the rights of the respective claimants.

The proposition advanced, that Robinson by his conveyance to Jacques of a half interest in the Smuggler lode, being at the same time part owner in the 78 lode, passed the right to extract the ore beneath the Smuggler location, a right which had theretofore pertained to the 78 lode, is one of doubtful force, and in any event is wholly immaterial to the present controversy; for, even if well founded, the right will obtain as well after issue of patent as before.

For the reasons stated I must dismiss the adverse claim of John W. Jacques, and hold that George B. Robinson *et al.* are entitled to patent to the 78 lode.

J. M. ARMSTRONG,  
Acting Commissioner.

REGISTER and RECEIVER,  
Leadville, Colo.



## LONERGAN ET AL. vs. EDDY.

The provisions of the mining law for the adjudication of adverse claims in the courts does not contemplate that the sale of the public mineral lands shall be indefinitely postponed upon the simple filing of a complaint. Under the laws of the State of Colorado, the suit not commenced in time.

DEPARTMENT OF THE INTERIOR,  
GENERAL LAND OFFICE,  
Washington, July 15, 1880.

GENTLEMEN: Referring to my decision of June 26, 1880, in the matter of the adverse claim of Philip J. Lonergan *et al.*, upon the Coney lode, against the application of Henderson H. Eddy for patent to the Mammoth lode, in which I held said adverse claim to be sufficient both in form and substance, Messrs. Britton & Gray, counsel for applicant, have filed certificate of the clerk of court for the first judicial district of Colorado, to the effect that on the 16th day of February, 1880, said adverse claimants filed a bill of complaint in said court against said Eddy, involving the matter of the Coney and Mammoth lodes, but that up to the second day of June last, the date of said certificate, no summons had been issued in pursuance of said complaint.

The code of Colorado provides that "the clerk shall indorse on the complaint the day, month, and year the same is filed; and at any time within one month after the filing of the same, the plaintiff may have summons issued."

Section 2326 United States Revised Statutes provides, "It shall be the duty of the adverse claimant, within thirty days after filing his claim, to commence proceedings in a court of competent jurisdiction, to determine the question of the right of possession, and prosecute the same with reasonable diligence, and a failure to do so shall be a waiver of his adverse claim." Upon the commencement of such proceedings, all action in the local office must be stayed until the controversy has "been settled or decided by a court of competent jurisdiction, or the adverse claim waived."

Counsel now move to dismiss said adverse claim, on the ground that the adverse claimants have failed to prosecute their suit with "reasonable diligence," as required by the statute. I am of opinion that the negligence in this instance is positive; but it is also clear that the adverse claimants have not commenced their suit in the manner contemplated by the statute. Until a summons is issued the court acquires no jurisdiction over the subject-matter in controversy. The law contemplates that the sale of the public lands shall not be delayed by controversies of this character for a longer period than is necessary for the proper legal adjudication of the dispute. In some States the summons may issue at any time after the filing of the complaint. In California it may issue at any time within one year.

To hold that by the simple filing of a complaint, without having summons issued, an adverse claimant may indefinitely postpone the sale of the public mineral lands, was never contemplated.

It is clear that the court in the present case cannot acquire jurisdiction of the matter at issue, except by the consent of the parties, without the filing of a new complaint, long after the expiration of the statutory period for the commencement of actions to decide the merits of adverse claims. I therefore allow the motion of the counsel, and dismiss the adverse claim of Lonergan *et al.*, on the several grounds that they have not proceeded with due diligence, and have not commenced their action in the manner contemplated by the law.

Sixty days are allowed for appeal, and the parties in interest should be notified hereof. Should no appeal be taken, you will allow Mr. Eddy to pay for and enter the Mammoth lode upon his filing proof of compliance with law.

J. A. WILLIAMSON,  
Commissioner.

REGISTER and RECEIVER,  
Central City, Colo.

C. H. WYMAN.

Fraudulent entries of lands containing minerals, and failure of parties interested to present proof touching the character of the lands entered.

DEPARTMENT OF THE INTERIOR,  
GENERAL LAND OFFICE,  
Washington, D. C., November 6, 1879.

SIR: Your letter of 16th August last, and petition therewith from miners in your State, referred by the honorable Secretary to this office, have been duly considered.

Such petition recites that it has been and is the practice of a certain class to claim land as agricultural, and conceal from the land officers its mineral character, obtain title, and then sell and bond the same to be worked for minerals. It also refers to the Central Pacific Railroad Company as being in the practice of issuing citation for hear-



ings to disprove the *prima facie* mineral character of odd sections within its grant, and, at the hearing abandoning such portions as are claimed by miners as mineral, and after a few months again citing the miners to another hearing concerning the same land. It is asked that when land is once determined or conceded to be mineral, it shall forever be deemed and held as such.

In the matter of fraudulent proceedings under agricultural claims, to obtain title to mineral lands, it is obvious that no broad and unqualified rule can arbitrarily be enforced which will be effective under the present laws. Land which is in fact non-mineral is subject to agricultural entry, and if a party seeks under such entry to obtain title to a mineral tract, it is the duty of miners and others who may know its true character to appear at the district land office *and submit proof thereof*. The knowledge of the character of any certain tract is local, and this office must necessarily depend upon parties in the vicinity to prevent fraud in said respect. Published notice of thirty days is uniformly required of parties who seek agricultural entry on lands withdrawn as mineral, and thereby all parties are advised and furnished opportunity to defeat any fraudulent entry.

In regard to the alleged proceedings of said railroad company, you are advised that when a hearing is had to determine the character of certain lands, those alleging them to be valuable for mineral should *submit their proof at the hearing*, and thereafter this office would be in a position to conclude the respective claims of all parties. But if you neglect to submit your proof, and the said company presents none, it is plain that this office can render no final decision, nor can I anticipate any particular excuse which may be urged for the neglect.

In short, if under the present laws those interested in preventing fraudulent entries of mineral lands will avail themselves of the means now furnished them by existing regulations, and appear and *insist* upon the right to submit their testimony at the hearings referred to above, and notify this office forthwith of any refusal to receive their testimony, or irregularity of proceedings, a just conclusion can be usually reached; but without the co-operation of those interested in an honest disposition of the public lands, it is apparent that this office labors under great embarrassments.

You are assured that it is the desire of this office and department to be advised *by affidavit* of attempted fraud in any case; but it is clearly impracticable to act upon general allegations referring to no particular claim and tract.

Yours, respectfully,

J. M. ARMSTRONG,  
*Acting Commissioner.*

CHAS. H. WYMAN, Esq.,  
*Auburn, Placer County, California.*

The following is the act of Congress approved January 22, 1880, and decisions showing department construction thereof:

DEPARTMENT OF THE INTERIOR,  
GENERAL LAND OFFICE,  
*Washington, D. C., March 3, 1880.*

GENTLEMEN: The following act of Congress, approved January 22, 1880, is furnished for your official guidance, and for the information of those interested.

Very respectfully,

J. M. ARMSTRONG,  
*Acting Commissioner.*

REGISTERS and RECEIVERS,  
*United States District Land Offices.*

[PUBLIC—No. 6.]

AN ACT to amend sections twenty-three hundred and twenty-four and twenty-three hundred and twenty-five of the Revised Statutes of the United States concerning mineral lands.

*Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled,* That section twenty-three hundred and twenty-five of the Revised Statutes of the United States be amended by adding thereto the following words: "*Provided, That where the claimant for a patent is not a resident of or within the land district wherein the vein, lode, ledge, or deposit sought to be patented is located, the application for patent and the affidavits required to be made in this section by the claimant for such patent may be made by his, her, or its authorized agent, where said agent is conversant with the facts sought to be established by said affidavits: And provided, That this section shall apply to all applications now pending for patents to mineral lands.*"

SEC. 2. That section twenty-three hundred and twenty-four of the Revised Statutes of the United States be amended by adding the following words: "*Provided, That the*



period within which the work required to be done annually on all unpatented mineral claims shall commence on the first day of January succeeding the date of location of such claim, and this section shall apply to all claims located since the tenth day of May, anno Domini eighteen hundred and seventy-two."

Approved, January 22, 1880.

H. N. COPP.

*Annual work.*—Construction of the act of January 22, 1880, relative to annual labor and improvements.

DEPARTMENT OF THE INTERIOR,  
GENERAL LAND OFFICE,  
Washington, D. C., May 1, 1880.

SIR: I am in receipt of your letter of 17th ultimo, referring to the question of relocating mines under the law of January 22, 1880, and asking the following questions:

1. When does a mine located February 1, 1880, become subject to relocation?
2. When does a mine located April 8, 1875, on which the annual work has heretofore been promptly done, and improvements made, become subject to relocation; provided no work has so far been done since April 8, 1879.

The second section of the act to which you refer is as follows: \* \* \* *Provided*, That the period within which the work required to be done annually on all unpatented mineral claims shall commence on the first day of January succeeding the date of location of such claim; and this section shall apply to all claims located since the tenth day of May, anno Domini eighteen hundred and seventy-two.

It will be perceived that said law seeks to fix the calendar year as the uniform period within which the annual improvements, required by R. S., section 2334, must be made, and as locations are made at different dates through the year, the first annual expenditures are made due within one year from a common date, to wit: the 1st of January next following the location; thereafter they become due with the expiration of each calendar year.

Hence the first annual expenditures upon a claim located February 1, 1880, become due at the expiration of one year from January 1, 1881, to wit, January 1, 1882, on which day the claim becomes subject to adverse location if the improvements are not made.

In order to apply the law to a claim located April 8, 1875, it is necessary to calculate from the date of location, as there is no other provision for its application, and it is retroactive, and embraces all unpatented claims located since May 10, 1872. The first expenditures upon this location are, therefore, to be reckoned as due within one year from January 1, 1876, to wit, January 1, 1877, and *annually thereafter, by the calendar year*. It follows that, if the annual expenditures were made each *calendar year*, or within the calendar year 1879, the claim is not subject to relocation, and will become so subject only upon the expiration of 1880, and a failure of expenditures for that year. If no expenditures were made in the calendar year 1879, or since, the claim is now subject to adverse location.

J. A. WILLIAMSON,  
*Commissioner.*

H. N. COPP, Esq., *Washington, D. C.*

#### W. B. FRUE ET AL., ON THE TOPSEY MINE.

The act of January 22, 1880, allowing the application for a mining patent and affidavits connected therewith to be made by an attorney or agent, applies to residents within the land district who are temporarily absent therefrom, as well as to non-residents.

DEPARTMENT OF THE INTERIOR,  
Washington, D. C., March 2, 1880.

SIR: I am in receipt of your letter of the 8th of January, 1880, submitting the papers in the matter of mineral entry No., 457, Helena district, Montana Territory, on appeal by William Bell Frue and Nathan S. Vestel, from your decision of October 14, 1879, holding said entry for cancellation.

The entry is of the Topsey Lode, designated as lot No. 44 A, and an appurtenant mill site designated as lot 44 B.

After an examination of the papers, your office, under date of September 10, 1879, addressed a letter to the register and receiver pointing out the following defects in the proceedings:

1st. That the title to the mill site appeared to be in Frue alone, and not in the applicants jointly.

2d. That the application showing compliance with the statutory requirements was sworn to by the attorney in fact of the respective applicants, and was not "under oath" of the applicants themselves.



3d. That the final affidavit as to posting of notice upon the claim was made by Frue's attorney in fact, and not by one of the claimants in person.

You directed the local officers to call upon the claimants to supply the proof required in the manner prescribed by law.

In response thereto, the applicants filed proof of joint ownership of the mill site.

For the other proofs required, they submitted the affidavit of Vestel, one of the applicants, in which he set forth in effect, that, upon information and belief, the notice and plat were posted as the law required, and remained so posted continuously during the entire period of sixty days of publication of notice in the newspaper; that the information upon which he relied was derived mainly from the affidavits of Walter McDermott, who made the former proof as attorney in fact of Frue, and Jerry Strange, which affidavits set forth specifically the facts as to the posting of notice and plat on the claim, and of their remaining so posted continuously from July 18 to October 1, 1878; that at the time of posting of said notice both applicants were in the Eastern States, and that therefore it was impossible for either of them to testify from personal knowledge.

As to the sworn statement in the application, nothing farther was offered.

After the filing of these proofs, your office, October 14, 1879, held the entry for cancellation on the ground (1) that the affidavit of Vestel having been made mainly upon information and belief, was not in compliance with law, holding that the statute required this proof to be made from the applicant's personal knowledge; and (2) because the defect in the verification of the application was not cured.

From this decision the appeal was taken.

It further appears from certain papers in the case, that Frue was a resident of Michigan, and Vestel of Lewis and Clarke County, Montana Territory, during the pendency of the application before the local officers, and that Frue was then in Detroit, and Vestel in New York.

Since the appeal Congress has passed an act approved January 22, 1880 (see February Land Owner, p. 179), amending section 2325 of the Revised Statutes by adding the following words: "That where the claimant for a patent is not a resident of or within the land district wherein the vein, lode, ledge, or deposit sought to be patented is located, the application for patent and the affidavits required to be made in this section by the claimant for such patent, may be made by his, her, or its authorized agent, where said agent is conversant with the facts sought to be established by said affidavits: *And provided*, That this section shall apply to all applications now pending for patents to mineral lands."

If the defects in the proceedings for patent which form the basis of your decision are cured by said act, it will be unnecessary to consider and pass upon the appellant's exceptions.

In your letter of the 8th ultimo you state as follows: "The bill to amend said section so that non-residents of the land district embracing the claim may apply by agent does not appear to cover this case, as the residence of one of the owners is within the Helena, Mont., land district."

I think said act should receive a liberal construction. So far as it relates to pending applications it is clearly a remedial act, and so far as it relates to future applications it is an enlarging or beneficial act, and of the kind classed by all law writers as a subdivision of remedial statutes. It is universally held that such a statute is to be liberally construed, and that everything is to be done in advancement of the remedy that may be, consistently with any construction that can be put upon it (Potter's Dwaris, 73-4; Sedgwick, 360-1). But if the portion of the act under consideration should be construed to limit the remedy or benefit to a non-resident, then in this case the act affords no relief, notwithstanding one of the parties is a non-resident. But it must be construed largely and beneficially, so as to suppress the mischief and advance the remedy (Potter's Dwaris, 362; Sedgwick, 359), and this brings us to a consideration of the mischief of the old law that was intended to be remedied by the amendment.

All affidavits under the mining act were required to be made within the land district within which the claim lay, and certain of these affidavits were required to be made by the applicant in person. An owner of a mine residing out of the district, or one who was a resident of the district, but temporarily absent from it, desiring to make application for a patent to a mining claim was compelled to go or return to the district, in order to comply strictly with this requirement, it having been held that such affidavits could not be made by the owner's duly authorized agent, and where the affidavits had been made by agent, as in this case, and an entry allowed by the local officers, the entry would be canceled.

Unless the language of the act will bear no other construction, it cannot be held that Congress intended to provide a partial remedy for the defects of the old law, or to discriminate against resident mine-owners; and the remedy is certainly not complete unless the new law will permit a mine-owner, if non-resident or not within the district, to have the affidavits which the law required him to make in person made by



his authorized agent, and unless it validates pending applications defective only in this, that such affidavits were made by authorized agents in cases in which applicants were unable to make them by reason of being out of the district.

"It is by no means unusual in construing a remedial statute," says Sedgwick (p. 359), "to extend the enacting words beyond their natural import and effect, in order to include cases within the same mischiefs." It certainly would have been as great a hardship for Vestel, the resident owner, being then in New York, to have returned to Montana to make his affidavits within the district, as for Frue, the non-resident, being then in Detroit.

But I think it is not necessary to extend the enacting words beyond their natural import and effect in order to include the case under consideration; for while, without resorting to the rules of equitable or remedial construction, and by applying the ordinary rules of interpretation, the interpretation which you place upon the act might result, it would still, under the same rules, I think, be susceptible of another interpretation, by which the case would be included. The language is: "that where the claimant for a patent is not a resident of or within the land district," &c. Now it is evident that an intention to limit the benefits of the act to non-residents would have been as clearly expressed as language can make it by omitting the words "or within," so as to read "not a resident of the land district," or by omitting the words "of or," and reading thus: "not a resident within the land district." So to hold that the act is limited to non-residents involves two things that should be avoided in construction, if possible; first, redundancy, and, second, the impossibility of giving full force and effect to every word. Such a construction leaves the words "or within" and "of or" without force or meaning, for the intent to thus limit the operations of the section would be clear without them, but it is certainly doubtful with them.

On the other hand, the intent to extend the benefits of the act to all applicants not within the district, would have been clearly expressed by leaving out the words, "a resident of or," reading thus: "not within the land district."

The same objections apply to this interpretation as to the other, but with no greater force. Either construction leads to a redundancy, and both are subject to the objection that it is not allowable to take from or exclude any words of a statute. What, then, was in the minds of the law makers? Evidently, first to provide that claimants who are not residents may be allowed to have the required affidavits made by agents within the districts, "conversant with the facts sought to be established," and to relieve them from the trouble and expense of going to the districts for the purpose of making affidavits about matters the facts of which are better known to others already there; and, second, to allow resident claimants necessarily absent from their districts to make the proofs in the same manner, and thus relieve them also from the expense, trouble, and inconvenience of returning to the district for the purpose of making the affidavits in person. In either case the proofs must be by agents "conversant with the facts."

By this construction the non-resident applicant would not be compelled to make the affidavits in person in any event, while the resident applicant would be compelled to do so if within the district.

This construction seems to avoid redundancy, and gives effect to all the language of the section of the act under consideration. The idea is made reasonably clear by repeating the words "is not" between "or" and "within" thus: "That where the claimant for a patent is not a resident of or *is not* within the land district," &c., and the sense is not destroyed by omitting to repeat these words; indeed, the sentence might have been subject to criticism as tautological as if the words had been repeated. And it seems to me that the use of the words which should have been omitted if the intent was to limit the act of non-resident claimants evidences that *both* classes of claimants were intended to be provided for. But even if this were not clearly apparent from the language of the act itself, under ordinary rules of construction, then it must be admitted that the meaning is doubtful; and the rule is that remedial statutes must be liberally construed, and where the meaning is doubtful they must be construed to extend the remedy. (*White vs. Steam Tug, &c.*, 6 Cal., 462; *Cullerton vs. Mead*, 22 Cal., 95; *Jackson vs. Warren*, 32 Ill., 331. See also decision of this department, *Streeter vs. M. K. T. R. R.*, *Copp's Land-Owner*, 180, where other cases are cited.)

I am of opinion that the defects on account of which you held the entry for cancellation are cured by the act of January 22, 1880, and that if the entry is otherwise regular and valid it ought to be patented.

C. SCHURZ,  
Secretary.

The COMMISSIONER OF THE GENERAL LAND OFFICE.

The following is the official circular revoking orders of withdrawal of lands upon general allegation of mineral character:



DEPARTMENT OF THE INTERIOR,  
GENERAL LAND OFFICE,  
Washington, D. C., April 27, 1880.

GENTLEMEN: Your attention is directed to the following copy of letter from the Hon. Secretary of the Interior:

“DEPARTMENT OF THE INTERIOR,  
“Washington, April 22, 1880.

“SIR: I have received your letter of the 16th instant, calling my attention to the withdrawals heretofore made of mineral lands under the direction of my predecessor, Hon. C. Delano, and setting forth at length the difficulties which arise in the adjustment of homestead and pre-emption claims on account of said withdrawals, and recommending in view of such difficulties that the ‘present policy and practice of throwing the burden of proof upon agricultural claimants be reversed; that the applicant for such entry be required to make the non-mineral affidavit required as aforesaid, and that this be deemed sufficient in absence of the alleged mineral character of his claim; that if a party does allege in proper form that the land is valuable for minerals, he should be required to affirmatively prove the fact, instead of in every case, with or without such allegation, requiring every settler to prove an expensive negative.’

“You further recommend ‘that the withdrawals heretofore made as aforesaid be revoked, in order to remove the restriction upon *bona fide* agricultural settlements, and to place such lands in a condition where they can be occupied, purchased, and developed.’

“I have carefully considered the recommendations made by you for the reasons stated, and have to say that they meet my approval.

“You are therefore instructed to so modify the instructions of your office as to conform to said recommendations, and you are also instructed to revoke the orders of withdrawals mentioned by you, in order that the restrictions thereby made upon agricultural settlements of the lands may be removed.

“Very respectfully,

“C. SCHURZ,  
“Secretary.

“The COMMISSIONER OF THE GENERAL LAND OFFICE.”

The recommendation of the honorable Secretary, upon which his said approval was based, are, in brief and in substance, that immense tracts of land are now, and, for several years last past, have been, officially designated as mineral lands; that as a matter of fact but an exceedingly small part of this entire area is valuable for minerals, but is good agricultural land; that these withdrawn lands are subject to entry under the homestead, pre-emption, and other laws providing for the sale of agricultural lands only after a hearing in every case wherein the burden of proof lies upon the agricultural applicant to establish that the tract claimed is non-mineral; that it is thus rendered exceedingly easy to cause such applicant great expense, delay, and vexation; that the expense, embarrassment, and delay actually incident to the course hitherto pursued operate to discourage and prevent settlements on such lands; that the timber on these lands is being largely taken on the claim that they are mineral lands; and that the vast tracts so designated and which are capable of supporting many thousands of settlers, adding largely to the productions of the country and contributing to its better progress, are not only for the most part practically reserved from sale under any law, but being so secluded it becomes easier for a party to fraudulently enter as agricultural a tract which he may discover to be valuable for minerals than for a *bona fide* settler to secure patent for agricultural land. All of such withdrawals heretofore made of lands in your district are hereby revoked; and when any party applies to enter any tract under any of the laws relating to agricultural lands, he will be required to make the usual non-mineral affidavit, which, in the absence of any allegation that the land is mineral, will be deemed sufficient. Should affidavits be filed with you properly alleging any tract sought to be entered as aforesaid to be mineral, you will, after due notice, hold a hearing to determine the facts. In such cases the burden of proof will rest upon the party who alleges the land to be valuable for minerals, and he must affirmatively prove his allegations.

It is expected that you will exercise all possible prudence and care in respect to this matter, and endeavor to carefully and conscientiously maintain and advance the purpose of the department and this office, to wit, to enable the public lands which are in fact agricultural to be occupied and purchased without oppressive conditions, and to prevent lands which are in fact valuable for minerals from being taken except under the special laws applicable thereto.

Very respectfully,

J. A. WILLIAMSON,  
Commissioner.

REGISTERS and RECEIVERS,  
United States District Land Offices.



*Swamp and overflowed lands.*

During the year, 211,424.53 acres have been claimed and reported to this office as swamp and overflowed lands inuring to the several States under the acts of Congress granting such lands, making the whole amount claimed and reported under said grants 69,206,522.06 acres.

Lists embracing 3,295,727.35 acres have been formally approved, increasing the total amount thus approved to 54,828,350.43 acres. This includes 8,291,311.91 acres approved to the State of Louisiana pursuant to the provisions of the act of March 2, 1849 (9 Statutes, p. 352), under which the approval has the force and effect of a patent, of which 86.60 acres were approved during the last fiscal year.

Under the grant of September 28, 1850 (as revised, sections 2479, 2480, and 2481, Revised Statutes), patents have issued for 3,757,802.39 acres, making the total area patented under said act 43,241,349.78 acres.

Under the act of March 2, 1855 (section 2482, Revised Statutes), 419,534.41 acres have heretofore been patented as indemnity for that amount of swamp and overflowed lands located with military bounty-land warrants or scrip.

The aggregate area finally disposed of by approval under the act of 1849, and by patents under the other acts relating to swamp and overflowed lands, from the date of the passage of said acts to the close of the fiscal year, is 51,952,196.10 acres.

The following summary of the more important work of the division in connection with the adjustment of claims under the grants above cited is submitted:

Number of letters received.....	1,695
Number of letters written .....	1,713
Pages of letter record covered .....	1,535
Number of lists prepared for approval.....	28
Certified copies of lists prepared and transmitted to the governors of the several States and the local land offices .....	57
Number of patents executed .....	22
Pages of patent record covered.....	144
Number of contested cases decided.....	103
Number of tracts examined with the field notes of survey to determine their character .....	18,609
Number of tracts upon which claims for indemnity have been adjusted upon testimony submitted .....	750
Certified copies prepared for individuals.....	16
Entries and locations held for cancellation for conflict with claims under the swamp grants.....	178
Entries and locations heretofore suspended for conflict with claims under the swamp grant examined and relieved from suspension .....	172

Considerable progress has been made in the work of adjusting the swamp-land grants, and in the adjustment of claims under the acts providing for indemnity for swamp and overflowed lands.

Claims for indemnity for over 30,000 acres have been adjusted, and the necessary examinations of the records preliminary to taking up the evidence relating to claims for a still larger amount have been made.

Under the appropriation for the expense of adjusting claims for swamp lands and swamp-land indemnity, five agents have been employed in making examinations in the field of lands claimed under the swamp grants, the greater part of their time being devoted to the examination of tracts for which indemnity is claimed, and attending at the taking of testimony touching the character of such tracts, in accordance with the regulations now in force. Their work was suspended for two or three months on account of the appropriation having been exhausted, but was resumed on a further appropriation made shortly before the close of



the fiscal year. In addition to investigating and reporting upon the claims which have been adjusted, they have examined and reported upon several hundred tracts for which indemnity is claimed and upon which testimony has been taken, or yet remains to be taken.

As they are still engaged in the investigation of these claims, the exact amount of land examined, or upon which testimony has been taken, cannot be stated.

A large number of entries and locations which have for years remained suspended in other divisions on account of conflict with claims under the swamp grants were referred to this division. These cases have been taken up as rapidly as possible, and satisfactory progress has been made in the work of settling the conflicting interests.

The clerical force of the division was slightly increased during the latter part of the year, and as the new force acquires experience in the several branches of the work, this will secure a more rapid adjustment of the claims arising under the several acts relating to swamp and overflowed lands, and also aid in bringing up that portion of the work heretofore in arrears.

Several of the more important decisions of the department rendered during the year are appended, reference being made also to the Secretary's decision in the case of *Dennis Crowley vs. State of Oregon*, given in another place under the head of *pre-emptions*.

#### STATE OF ILLINOIS.

*Reimbursement—Swamp selections* —There is no law allowing a claim for reimbursement of moneys expended for preparing lists or making selections of swamp and overflowed lands.

DEPARTMENT OF THE INTERIOR,  
Washington, April 5, 1880.

SIR: I have received your letter of the 15th ultimo, transmitting the application of the State of Illinois, through her agent, Isaac R. Hitt, esq., for reimbursement of moneys expended by certain counties in said State for selection of swamp and overflowed lands under the act of September 28, 1850.

It has been the uniform practice of the States to prepare the lists of selections, and present them to your office for approval. This is the first application which has been brought to my attention for reimbursement of the State for such service. While it is true that the law provides that the Secretary of the Interior shall certify to the State the swamp and overflowed land inuring to her under said grant, it nowhere prohibits the State from aiding the Secretary in ascertaining what lands did thus pass to her. This work has been done, and done gratuitously by the State, and I am not aware of any law which authorizes me to allow such a claim.

The claim is therefore disallowed.

C. SCHURZ,  
Secretary.

The COMMISSIONER OF THE GENERAL LAND OFFICE.

#### INSTRUCTIONS.

*Indemnity certificates.*—Special swamp land indemnity certificates are locatable only on offered land held at \$1.25 per acre.

DEPARTMENT OF THE INTERIOR,  
Washington, April 6, 1880.

SIR: I am in receipt of your letter of the 30th ultimo, requesting for your official instruction, answer to the following inquiries:

"1. Whether or not special swamp land indemnity certificates can be located on un-offered land for which the government price does exceed one dollar and twenty-five cents per acre.

"2. Whether or not such certificates may be located on double minimum lands by surrendering as much of said certificates as, estimated at one dollar and twenty-five cents per acre, will pay for the lands at the advanced price."

Section 2482 of the Revised Statutes, following substantially the language of the act of March 2, 1855 (10 Statutes, p. 634), provides that "when the lands have been



located by warrant or scrip, the said State shall be authorized to locate a like quantity of any of the public lands subject to entry at one dollar and twenty-five cents per acre, or less, and patents shall issue therefor."

It is well settled that the words "subject to entry," when used in general terms in a statute, have sole reference to offered lands, and cannot be applied to those liable to be entered only under the pre-emption, homestead, and other special acts.

It is also well established that the grant of authority to locate lands limited in price by the terms of the statute forbids by necessary implication the extension of that authority to lands of any other class, exceeding the price named.

In the absence of any legislation modifying or changing the law in question, I see no difficulty in answering both inquiries in the negative.

C. SCHURZ,  
*Secretary.*

The COMMISSIONER OF THE GENERAL LAND OFFICE.

DEPARTMENT OF THE INTERIOR,  
*Washington, April 5, 1880.*

SIR: I have considered the appeal of Martin M. J. Highfill from your decision of July 17, 1879, refusing his application for repayment of purchase money on cash entry made November 20, 1856, for the south half lot 2 of southwest quarter-section 30, township 32, range 19 west, Springfield, Mo.

This application is made under section 2362, Revised Statutes, which authorizes the Secretary of the Interior, upon proof to his satisfaction that any tract of land has been erroneously sold by the United States, so that from any cause it cannot be confirmed, to repay to the purchaser, or to his legal representatives or assignees, the sum of money which was paid therefor.

The tract in question was entered by Alexander Beckerdite on November 20, 1856, and, by sundry conveyances, title thereto vested in the applicant on August 1, 1876. It was also patented to the State of Missouri as swamp land on March 26, 1857.

I am of the opinion that the act of March 2, 1855 (section 2483, Revised Statutes, continued in force by the act of March 3, 1857, extended thereby to all entries and location of land claimed as swamp land), requires the President of the United States to cause patents to be issued to the purchasers or locators who made entries of the public lands claimed as swamp lands subsequent to the passage of that act and prior to the issue of patents to the State within which the tract was located, confirmed the sale to Beckerdite, and hence that repayment cannot be allowed under section 2362 to Highfill.

As the patent to the State issued (March 26, 1857) subsequent to the confirmation of Beckerdite's entry, I am of the opinion that the same was erroneous; but as it also appears that Highfill has also acquired by deed the State's title to the tract, that question does not affect the present application.

Your decision is affirmed, and the papers transmitted with your letter of November 7, 1879, are herewith returned.

Very respectfully,

C. SCHURZ,  
*Secretary.*

The COMMISSIONER OF THE GENERAL LAND OFFICE.

DEPARTMENT OF THE INTERIOR,  
*Washington, June 4, 1880.*

SIR: I have considered the case of The State of Oregon *vs.* The United States, involving title to certain tracts of land in townships 2, 3, and 4 north, of range 1 west, Oregon City district, Oregon, under the act of Congress approved March 12, 1860 (12 Statutes, p. 3), on appeal by the State from your decision of June 28, 1879.

The facts upon which your decision was rendered may be briefly stated as follows:

The survey of said township was completed and approved in 1854. The adjournment of the legislature of Oregon at its session next after the date of said act was in October, 1860. In 1871 and 1872 the State asserted her claim to said tracts, and filed lists therefor with the surveyor general.

You rejected the claim of the State on the ground that the tracts had not been selected within two years from the adjournment of the legislature in 1860.

Your decision evidently proceeded upon the assumption that the tracts are of the character granted, as if upon demurrer to the State's application, otherwise the question of law decided by you did not arise; for you did not find the fact to be that the lands claimed were swamp and overflowed within the meaning of the act of 1860; and unless they are such, the State never had any right to them, and consequently the question of the effect of a failure of selection within the prescribed period could not arise.

It must, therefore, be understood that the assumption or admission of the swampy



character of the tracts in question is for the sole purpose of raising the question of law whether the State has the right to select, or have selected for her, lands of the character granted, after the expiration of the period of two years; or, in other words, whether after the lapse of that period there is any duty or authority on the part of the Secretary of the Interior to make out lists of the granted lands and cause patents to issue therefor, or to consider claims therefor presented by the State.

While the main question is as to the authority of the Secretary to act, its consideration may present two branches of inquiry, although perhaps not in every respect distinctive.

First. Does a failure of selection within the time limited defeat or forfeit the grant?

A decision of this question in the affirmative would at once determine the whole case; for in that event there would be neither authority on the part of the Secretary to furnish, nor right in the State to demand, any evidence of title—there being no title to be evidenced in any manner.

But if it should be held that the grant is not defeated by failure of selection within the prescribed period, then this question would arise:

Second. Has the Secretary authority to furnish the evidence of title as provided by the act of September 28, 1850, (9 Statutes, p. 519)?

First, then, is the grant defeated by the failure of selection? I think not. By the first section of the act of 1860 the provisions of the said act of September 28, 1850, were expressly extended to the States of Minnesota and Oregon.

The act of 1860 must, therefore, be read and construed as if all the provisions of the act of 1850 had been actually incorporated therein. (Sedgwick on Constructions, &c., 2d ed., 229 and 230.)

The grant made by the act of 1850 has uniformly been held to be a grant *in presenti*, vesting an immediate interest in the State. (Decisions of this Department, 1 Lester, Nos. 578 and 595, April 25, 1862; June 27, 1862; 2 Lester, No. 289; *Id.*, November 11, 1873; Opinion of Attorney-General Black, 9 Opinions, 254; Decisions of the Supreme Court, *Railroad Company vs. Fremont County*, 9 Wall., 89; *Railroad Company vs. Smith*, *id.*, 95; *French vs. Fyan*, 3 Otto, 169.)

Now, clearly, unless there are conditions or provisions in the act of 1860 restraining the operations of a present grant, the authorities above cited apply with equal force to the Oregon swamp-land grant. The proviso to the act of 1860, by its terms, simply excepted from the grant the class of lands therein mentioned, but did not restrain or prevent the immediate transfer of title to those lands not within the exception.

By reference to the second section of the act, it will be found that the grant was not upon condition that the granted lands should be selected within the period therein mentioned.

But this grant of 1860 has heretofore had the consideration of this department, and has uniformly been held to be a grant *in presenti* to the State of all lands within her limits which, at that date, were swamp and overflowed within the meaning of the act of 1860, except the class mentioned in said proviso. (*State of Oregon vs. Stott & Waggoner*, Copp's L. L., 475; *State of Oregon vs. Pre-emptors*, Copp's L. O., November, 1876, p. 119; *Crowley vs. State of Oregon*, decided April 15, 1880.)

And the supreme court of Oregon has decided that it was a present grant to the State, and supported its position by numerous authorities. (*Gaston vs. Stott*, 5 Oreg., 59.)

The grant of 1860 was therefore without restraint to immediate operation, and without express condition or provision for its forfeiture in any event.

If it can be revoked or forfeited at all, Congress alone has the power to do it. (*Emigrant Company vs. County of Adams*, No. 16, October term, 1879, Supreme Court.)

No act of Congress has taken back or forfeited the grant, or attempted to do so, unless sections 2479 and 2490 of the Revised Statutes may be construed to have done so, or as an attempt to do so.

But such a construction cannot be given to those sections, because by the original law a beneficial interest passed immediately to the State, and the Supreme Court of the United States, in the case of *Rice vs. Railroad Company* (1 Black, 358), expressly held that a statute of direct repeal in such a case would be void.

By the terms of the original act the attaching of the grant did not depend upon the selection, nor was the selection made a condition to the grant, precedent or subsequent.

An attempt to add new conditions after the grant had vested would be without force.

Hence the sections aforesaid should be construed in harmony with the old law, so far as conditions to the grant and the vested interest of the State are concerned, and not that Congress intended to introduce the provisions of the second section of the act of 1860, under the proviso to section 2490, as a condition to the grant, but that those provisions were intended to be the same as in the old law.

In *Railroad Company vs. Smith* (9 Wall., 99, 100), wherein it appeared that the Secretary of the Interior had failed to select or list the land in controversy, the court held that the right of the State did not depend upon the Secretary's action, but upon the



act of Congress; and that although the State might be embarrassed in the assertion of her right by the delay or failure of the Secretary to ascertain and make out lists of the granted lands, the right of the State thereto could not be defeated by such delay.

The same doctrine was announced in the decision of this department of December 4, 1877, reviewing the swamp-land grants of September 28, 1850, and March 12, 1860. (Copp's L. O., January, 1878, p. 150.)

The grant, therefore, remains intact, whether the tracts are selected, or listed, or not.

Concerning the second branch of the inquiry, the grant remaining intact, it may be considered whether, after the lapse, of the prescribed period for selection, there is authority on the part of the head of this department to identify, list, and patent the lands; in other words, to furnish the State with the evidence of her title.

At the outset, let us inquire what is meant by selection in the act of 1860.

Does it mean something to be done by the State, or by the Secretary of the Interior?

The second section of the act of 1860 provides "that the selection to be made from lands already surveyed in each of the States, including \* \* \* Oregon, under the authority of the act aforesaid, shall be made within two years," &c.

The act referred to for authority is the act of 1850, which, in its second section, provides "that it shall be the duty of the Secretary of the Interior \* \* \* to make out an accurate list and plats of the lands described as aforesaid, and transmit them to the governor of the State of Arkansas, and at the request of said governor cause a patent to be issued to the State therefor."

To do this certainly involves selection.

It is true the word *selection* does not occur in the act of 1850, but the duty imposed upon the Secretary cannot be performed without his making the selection.

The act clearly confers no authority upon the State to make selection, but upon the Secretary of the Interior, *eo nomine*, and this department decided, December 23, 1851 (1 Lester, p. 549), in express terms, that selections under the act of 1850 must be made by the Secretary.

The governor of Alabama raised the question specifically, whether selections were to be made by the State, as in Louisiana, under the act of 1849 (9 Statutes, p. 352), and the Secretary said:

"This question I decide in the negative. The act of 1849 has reference to Louisiana alone, and requires that the selections should be made under the direction of the surveyor general, at the expense of the State of Louisiana entirely." \* \* \*

"The provision in the act of September, 1850, is entirely different; for it makes it the duty of the Secretary of the Interior to make out lists and plats of the lands thereby granted, and to transmit them to the governors of the States. \* \* \* It follows, therefore, that while the selections in Louisiana are to be made under the directions of the surveyor general, at the expense of the State, those in Arkansas and the other States are to be made by the Secretary of the Interior, at the expense of the United States."

The second section of the act of 1849 provided that the Secretary of the Treasury should cause a personal examination to be made, under the direction of the surveyor general, by deputies, of all the swamp lands, &c., and a list to be made out and certified by the deputies and surveyor general to the Secretary, who should approve the same.

The word *select* or *selection* in any of its forms does not occur in that section; yet a marginal note to the section reads thus: "How said lands shall be selected."

From this act and the decision of December 23, 1851, is to be found what was understood as a selection. While the act of 1849 provided in what manner and by what means the selection should be made, the act of 1850 simply provided that it should be the duty of the Secretary of the Interior to make out the list, &c., and this clearly involves selection as a part of that duty; and it follows that the Secretary is at liberty to adopt a method and employ means for the performance of that duty most convenient to himself, and for the best interests of all concerned.

In *Railroad Company vs. Smith*, above cited, the court said that it was the duty of the Secretary to ascertain the fact whether the land was swamp and overflowed, and if found to be so, to furnish the State the evidence of it. (See, also, opinion of the Attorney-General, *supra*.)

To ascertain the fact whether tracts are swamp, and to list them if found to be so, is clearly selection; and if, as the law and the courts declare, it is the duty of the Secretary to do this, it is not the duty of the State, and she has no duty to perform in the premises.

She has nothing to do with the selection except what she may volunteer to do in aid of the Secretary. The Secretary may employ such agency as in his judgment may seem proper for ascertaining in the field what lands are of the character granted.

This is a matter of observation and proof, and the Secretary may identify the granted lands by proof furnished by government surveyors or agents, or by proof which the State may volunteer to furnish.



But the Secretary, after all, makes the selection when he decides that a tract is swamp and overflowed, and places it upon the list.

The selection intended by the act of 1860, I think, contemplated something more than, and quite different from, a mere assertion of a claim, or a designation of tracts claimed by the State under the grant.

A selection by the State has no binding effect upon the government, and is not conclusive of anything. It does not identify the land as swamp.

The Secretary is not bound to list every tract that the State may claim. The selection intended by the act, in my opinion, accomplishes something.

It is that act by which the grant is finally adjusted.

It is a complete identification of tracts as swamp lands; and that is not accomplished by an assertion or presentation of a claim by the State, or until the Secretary decides and places the tracts upon the list to be transmitted to the governor of the State.

This is the only selection ever recognized by the department.

There have been two methods adopted for making selections under the swamp-land grants:

First. By adopting the field notes of surveys, or relying upon them as furnishing proof of the character of the lands.

Second. By permitting the State to designate the tracts claimed, and to furnish proof of their swampy character.

As a matter of convenience in adjusting the grant, and in order to avoid unnecessary delay, conflicts, and contests, it has been customary for your office to call upon the several States to which the grant has been extended to adopt one or the other of these methods as the basis of their acceptance of the grant.

This usual courtesy was extended to Oregon years ago, but it appears that no arrangement was made with her until 1874.

Now, in order to hold that the State of Oregon was in duty bound to designate the tracts she claimed within the prescribed period to entitle her to the evidence of her title, it must also be held that she was bound to adopt one or the other of these methods of selection as the basis of her acceptance of the grant within that period.

But nothing can be found in the act to compel the State to make any such election, or to enter into any agreement within any period whatever, or to work a forfeiture of the right of the State to the evidence which the act provides shall be furnished in the event of a failure to so elect.

The right of the State to the evidence of her title rests upon no such condition, nor can she dictate to the Secretary of the Interior what means he shall employ to identify the granted lands.

I conclude, therefore, that the selection which the act of 1860 requires to be made within the prescribed period, must be made, if at all, by the Secretary of this department, and that it cannot be made otherwise "under the authority of the act" of 1850.

No selection of the tracts in contest having been made within the prescribed period, is there any authority on the part of the Secretary of the Interior to make out the list and cause patents to issue therefor to the State?

Authority to make out the list and cause patent to issue was expressly conferred by the act of 1850.

The act of 1860, as well as section 2490 of the Revised Statutes, refers to the act of 1850 for the authority to make the selection, and that authority remains to be exercised in this case unless the exercise thereof is clearly limited by the act of 1860 and section 2490 of the Revised Statutes to the prescribed period of two years; and whether it is so limited or not depends upon whether the provision of the act is amendatory or directory.

Judge Porter, after examining numerous decisions of the courts upon this question, says:

"When a statute directs a person to do a thing in a certain time, without any negative words restraining him from doing it afterwards, the naming of the time will be considered directory to him, and not a limitation of his authority."

And this rule he supports by numerous authorities. (Potter's Dwarries, 223, note 29.)

After reviewing the whole question he lays down this general rule:

"That when a statute directs certain proceedings to be done in a certain way, or at a certain time, and the form or period does not appear essential to the judicial mind, the law will be regarded as directory, and the proceedings under it will be held valid, though the command of the statute as to form and time has not been strictly obeyed, the time and manner not being the essence of the thing to be done." (*Id.* 223, note 29; see also Sedgwick on Construction, 316-324, and note at p. 316; also Cooley on Statutory Limitations, pp. 74 to 78, inclusive.)

In the case under consideration, the time within which the Secretary should furnish the evidence is not the essence of the thing to be done.



The essence of the requirement is the furnishing of the State with the evidence of her title and the final adjustment of the grant.

If that be not done within the period mentioned the necessity of the performance of the duty imposed still exists; and no court, I think, would hold that a patent issued to the State for any of said tracts was not evidence that the tracts had been identified as swamp lands, because the fact was found after the expiration of the two years from the adjournment of the legislature in 1860.

This, I think, is the test of the question. In view of the authorities cited I am clearly of opinion that the provision of the second section of the act of 1860, and the same provision in section 2490 of the Revised Statutes, is directory, and that authority still exists to furnish the State with the evidence of her title.

The fourth section of the act of 1866 (14 Stats. 219) requires certification within a year from the passage of the act; but it has never been suggested to this department that the certifications thereunder, made years after that date, were invalid or defective.

Even without the authority of the act of 1850, the Land Department would have the power and jurisdiction, and the duty would devolve upon it, to segregate the granted lands from the public domain by virtue of sections 441 and 453 of the Revised Statutes, and the prior act of Congress from which those sections were taken; for the government could not dispose of the lands falling within the grant, and therefore segregation was and is necessary to a proper disposition of the public lands in Oregon under general laws.

Therefore the power not only exists, but it is plainly the duty of the Secretary to furnish the evidence of title to the State.

In *Railroad Company vs. Smith, supra*, the court held that it was the duty of the Secretary primarily to decide the question of the swampy character of the land, and in that case the claimant under the State was permitted to introduce parol proof to show that the land was actually swamp, and upon such proof the title of the State was upheld.

In that case the Secretary had furnished no evidence of title, and had never passed upon the character of the land. The right of the State, therefore, as was expressly stated by the court, does not depend upon the action or non-action of the Secretary; and when he fails or refuses to furnish the evidence of title in any case in which he does not decide that the land is not of the character granted, it is well settled that the State, or her grantee, may, in actions or suits involving the title to tracts claimed under the swamp-land grant, substitute parol evidence for that which the law directs the Secretary to furnish. Otherwise, says the court in *French vs. Fyan* (3 Otto 173), "a total failure of justice would occur, and the entire grant might be defeated by this neglect or refusal of the Secretary to perform his duty."

If the State may set up her claim in a court which gets jurisdiction to decide upon the character of the land only because the Secretary, whose duty it was primarily to decide, has failed to do so, and support it by parol proof, it is difficult to see by what reason the Secretary can refuse to decide when a similar claim is presented to him.

The very fact that a court, in order to prevent a failure of justice, is compelled to hear proof of the character of land claimed under the swamp-land grant because the Secretary, who has special powers in the premises, has not decided, is argument conclusive that the Secretary should decide.

It is, then, the duty of the Secretary to furnish this evidence, if for no other reason than to aid the State in the assertion of her right.

But the good of the public service requires it; for unless the grant is adjusted the government will be embarrassed in the disposal of its lands in Oregon.

The quiet and security of titles require it, and the law favors the quieting of titles and the removal of causes of litigation.

When the Secretary decides the question of fact whether a tract is swamp and overflowed or not, it ends all controversy as to that fact everywhere, in courts of justice as well as in courts of law. (*Marguez vs. Frisbie et al.*, No. 78 October term, 1879, Supreme Court, and cases there cited.)

The reason why the court in *Railroad Company vs. Smith* admitted parol testimony to prove the land to be swamp land, was because the Secretary, "whose duty it was primarily to decide 'the question,' has failed to do it"; and the reason for refusing to admit testimony in *French vs. Fyan et al.* to show that the land was not swamp, was that the Secretary had already decided the question the other way.

On the one hand, therefore, a failure to decide and to adjust the grant results in confusion of titles, much vexatious and expensive litigation, and embarrassment and hinderance in the disposal of the public lands.

On the other hand, identification of the granted lands and the furnishing of the evidence of the fact bring security of title, remove cause of litigation, and enable a proper disposal of the public lands.

The authority is with the Secretary in this case to make out the lists required by the act of 1850, and it is plainly his duty to do so.



It is not intended by this decision to change the rule, that where a State has elected to abide by the returns of the field notes of government surveys, she shall not be heard to dispute such returns.

I reverse your decision, and herewith return the papers submitted with your letter of November 28, 1879.

Very respectfully,

C. SCHURZ,  
Secretary.

The COMMISSIONER OF THE GENERAL LAND OFFICE.

### *Adjustment of accounts.*

The following is a summary of work done in Division M, having charge of the adjustment of the accounts of receivers of public moneys and of receivers acting as disbursing agents, timber agents' accounts, State fund accounts, State swamp-land indemnity accounts, and claims for the repayment of purchase money for lands erroneously sold during the fiscal year ending June 30, 1880:

Letters received.....	15,801
Letters written (covering 4,000 pages of letter post) .....	8,522
Accounts audited and adjusted and reported to the First Comptroller of the Treasury for final settlement:	
Quarterly accounts of receivers of public moneys .....	509
Quarterly accounts of receivers acting as disbursing agents .....	589
Timber agents' accounts.....	16
State fund accounts .....	9
State swamp-land indemnity accounts .....	9
Repayment accounts for lands erroneously sold .....	201
Changes of entry accounts.....	10

The above accounts covered 4,093 pages of folio post.

The record of the reports on said accounts, together with the records of special statements and other miscellaneous matter, embraced 7,331 pages folio.

Tabular statement No. 2 appended to this report was prepared in this division.

*State fund accounts.*—During fiscal year ending June 30, 1880, the State fund accounts finally adjusted, recorded, and stated to the First Comptroller of the Treasury embraced Colorado, Kansas, Minnesota, Michigan, Nebraska, Nevada, Oregon, and Wisconsin, and the 5 per cent. account on sales of lands heretofore embraced in certain Indian reservations in Kansas for period commencing July 1, 1877, and ending June 30, 1879.

In repayments and changes of entry, at the close of the fiscal year the unfinished business consisted of—

Repayment claims incomplete and awaiting further evidence .....	515
Applications for changes of entry .....	11

The following instructions have been issued governing the repayment of purchase money, fees, commissions, and excesses, under sections 2362 and 2363, United Statutes Revised States, and the act of Congress approved June 16, 1880.

DEPARTMENT OF THE INTERIOR,  
GENERAL LAND OFFICE,  
Washington, D. C., August 6, 1880.

GENTLEMEN: Your attention is called to the following provisions of the act of Congress approved June 16, 1880, entitled "An act for the relief of certain settlers on the public lands, and to provide for the repayment of certain fees, purchase money, and commissions paid on void entries of public lands":

"Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That in all cases where it shall, upon due proof being made, appear to the satisfaction of the Secretary of the Interior that innocent parties have



paid the fees and commissions and excess payments required upon the location of claims under the act entitled 'An act to amend an act entitled "An act to enable honorably discharged soldiers and sailors, their widows and orphan children, to acquire homesteads on the public lands of the United States," and amendments thereto,' approved March third, eighteen hundred and seventy-three, and now incorporated in section twenty-three hundred and six of the Revised Statutes of the United States, which said claims were, after such location, found to be fraudulent and void, and the entries or locations made thereon canceled, the Secretary of the Interior is authorized to repay to such innocent parties the fees and commissions and excess payments paid by them, upon the surrender of the receipts issued therefor by the receivers of public moneys, out of any money in the Treasury not otherwise appropriated, and shall be payable out of the appropriation to refund purchase money on lands erroneously sold by the United States.

"SEC. 2. In all cases where homestead or timber-culture or desert-land entries or other entries of public lands have heretofore or shall hereafter be canceled for conflict, or where, from any cause, the entry has been erroneously allowed and cannot be confirmed, the Secretary of the Interior shall cause to be repaid to the person who made such entry, or to his heirs or assigns, the fees and commissions, amount of purchase money, and excesses paid upon the same upon the surrender of the duplicate receipt and the execution of a proper relinquishment of all claims to said land, whenever such entry shall have been duly canceled by the Commissioner of the General Land Office, and in all cases where parties have paid double-minimum price for land which has afterwards been found not to be within the limits of a railroad land grant, the excess of one dollar and twenty-five cents per acre shall in like manner be repaid to the purchaser thereof, or to his heirs or assigns.

"SEC. 3. The Secretary of the Interior is authorized to make the payments herein provided for, out of any money in the Treasury not otherwise appropriated.

"SEC. 4. The Commissioner of the General Land Office shall make all necessary rules and issue all necessary instructions, to carry the provisions of this act into effect; and for the repayment of the purchase money and fees herein provided for the Secretary of the Interior shall draw his warrant on the Treasury and the same shall be paid without regard to the date of the cancellation of the entries."

The foregoing act is additional to the provisions of sections 2362 and 2363, United States Revised Statutes, and in receiving applications hereafter for repayment of purchase money, &c., you will be governed accordingly.

1. The second section of the act provides—

1st. For the repayment of purchase money and of fees, commissions, and excess payments, where entries of public lands are canceled for conflict, "or where, from any cause, the entry has been erroneously allowed and cannot be confirmed."

2d. For the repayment of the excess purchase money paid on lands sold at double-minimum price which are afterwards found to have been salable at \$1.25 per acre.

2. Applications for repayment under said second section will accordingly be classified as follows:

1st. Repayment of purchase money;

2d. Repayment of fees, commissions, and excesses;

3d. Repayment of double-minimum excesses.

#### APPLICATIONS.

3. All applications for repayment must be made in writing, and be signed by the party applying, and must describe the tract or otherwise designate the entry with certainty.

#### REPAYMENT OF PURCHASE MONEY.

1. *Where patent has not been issued, and the title has not otherwise become a matter of record.*

4. Where patent has not been issued the duplicate receipt must be surrendered. The applicant must also make affidavit that he has not transferred or otherwise incumbered the title to the land, and that said title has not become a matter of record. This affidavit may be made before either of you officially, or before a notary public or a justice of the peace, or other officer authorized to administer oaths. When made before a notary public or justice of the peace a certificate of official character is required.

If the duplicate receipt has been lost or destroyed the party applying must advertise it, giving notice of his intention to apply for a repayment of the purchase money. This advertisement must be inserted weekly for six weeks in some newspaper of extensive circulation in the vicinity of the land. A copy of the advertisement, with the affidavit of the publisher that it was inserted the requisite number of times attached thereto, must accompany the papers in the case.



Where the duplicate receipt has been lost or destroyed, a certificate will also be required from the proper recording officer showing that the same has not become a matter of record, and that there is no incumbrance of the title to the land thereunder.

A like certificate must be furnished when the application is made by another than the original purchaser.

2. *Where title has become a matter of record.*

5. Where a patent has been executed and delivered, it must be surrendered.

Where the title has become a matter of record, and in all cases where patent has issued, a duly executed deed, relinquishing to the United States all right and claim to the land under the entry or patent, must accompany the application. This deed must be duly recorded, and a certificate must also be produced from the proper recording officer where the land is situated, showing that said deed is so recorded, and that the records of his office do not exhibit any other conveyance or incumbrance of the title to the land.

Where a valid title has been conveyed by the United States to any part of the tract embraced in a canceled entry, a duly executed and recorded deed, reconveying to the United States the title derived therefrom, must accompany the application. The reconveyance to the United States must conform in every particular to the laws of the State relative to transfers of real property; in the case of a married man, a release of dower by the wife, and in case of executors or administrators, due proof of authority to alienate the estate.

3. *Heirs, executors, and administrators.*

6. Where application is made by heirs, satisfactory proof of heirship is required. This must be the best evidence that can be obtained, and must show that the parties applying are the heirs and the only heirs of the deceased.

7. Where application is made by executors, a certificate of executorship from the probate court must accompany the application.

8. Where application is made by administrators, the original, or a certified copy of the letters of administration, must be furnished.

ASSIGNEES.

9. Those persons are assignees, within the meaning of the statutes authorizing the repayment of purchase money, who purchase the land after the entries thereof are completed and take assignments of the title under such entries prior to complete cancellation thereof, when the entries fail of confirmation for reasons contemplated by the law. To construe said statutes so as to recognize the assignment or transfer of the mere claim against the United States for repayment of purchase money, or fees and commissions, disconnected from a sale of the land or attempted transfer of title thereto, would be against the settled policy of the government and repugnant to section 3477 of the Revised Statutes.

10. Where applications are made by assignees, the applicants must show their right to repayment by furnishing properly authenticated abstracts of title, or the original deeds or instruments of assignment, or certified copies thereof, and also show by affidavits or otherwise that they have not been indemnified by their grantors or assignors for the failure of title, and that title has not been perfected in them by their grantors through other sources.

11. Where there has been a conveyance of the land and the original purchaser applies for repayment, he must show that he has indemnified his assignee or perfected the title in him through another source, or produce a full reconveyance to himself from the last grantee or assignee.

FEES, COMMISSIONS, AND EXCESSES.

12. The first section of the act authorizes the repayment "to innocent parties" of the fees, commissions, &c., paid by them on fraudulent and void additional soldier and sailor homestead entries which have been canceled.

Applications for repayment under this section must be accompanied by the duplicate receipt, or evidence of the loss of the same, and by a concise statement under oath setting forth all the facts and circumstances connected with the procurement and use of the fraudulent papers upon which the canceled entries were based, together with such documentary or other proof as may tend to establish the innocence of the parties relative thereto.

Repayment of fees, commissions, and excesses under section 1 can be made only to the party who paid the same. A conveyance of the land in these cases will not be deemed to carry with it the right to repayment.



13. In the case of applications for the repayment of fees, commissions, &c., on canceled homestead and other entries, under the second section of the act, the duplicate receipt must be surrendered with a relinquishment indorsed thereon in the following or equivalent form:

I hereby relinquish to the United States all my right, title, and claim in and to the land described in the within receipt. \_\_\_\_\_, \_\_\_\_\_, 188—.

Witnesses:

\_\_\_\_\_  
\_\_\_\_\_.

Acknowledged before me this \_\_\_\_ day of \_\_\_\_\_, 188—.

\_\_\_\_\_  
\_\_\_\_\_.

This relinquishment may be acknowledged before the register and receiver or before any officer authorized to take acknowledgments.

14. If the duplicate receipt has been lost or destroyed an affidavit stating the fact must be furnished, together with a relinquishment in effect as in the above form.

The applicant must make affidavit that he has not made another entry with the credit of the fee and commission paid by him on the canceled entry.

#### DOUBLE-MINIMUM EXCESSES.

15. In the case of applications for the repayment of double-minimum excesses, the duplicate receipt must be surrendered. If lost or destroyed, an affidavit stating the facts must accompany the application.

#### IN WHAT CASES REPAYMENT MAY BE MADE.

16. Under section 2362 of the Revised Statutes, repayment is authorized upon satisfactory proof "that any tract of land has been erroneously sold by the United States so that from any cause the sale cannot be confirmed," while in section 2 of the act of June 16, 1880, it is provided that the Secretary of the Interior shall cause repayment to be made "when, from any cause, the entry has been erroneously allowed and cannot be confirmed."

Under the former law repayment was not authorized when the sale could be confirmed but for failure of compliance with legal requirements on the part of the person making the same. The act aforesaid seems to change the old law in this, that it authorizes repayment when, from any cause, the entry has been erroneously allowed and cannot be confirmed.

If the records of the Land Office or the proofs furnished should show that the entry ought not to be allowed, it would be error to allow it. In such a case repayment would be authorized. But if a tract of land were subject to entry and the proofs showed a compliance with law, and the entry should be canceled because the proofs were false, it could not be held that the entry was erroneously allowed, and in such a case repayment would not be authorized.

#### TRANSMITTAL OF APPLICATIONS.

17. Applications for repayment, with all the papers in the case, should be transmitted through the register and receiver of the proper land office, who will make due report thereon.

Very respectfully,

J. A. WILLIAMSON,  
Commissioner.

To REGISTERS and RECEIVERS  
of United States Land Offices.

Approved.

A. BELL,  
Acting Secretary.

AUGUST 6, 1880.

#### *Transfers of title—military bounty land warrants and scrip.*

The following is a synopsis of the work performed during the past year in the recorder's division, B, of the office:

Number of letters received.....	12,553
Number of letters written.....	10,552



Number of pages recorded .....	7,290
Number of copies furnished from patent records.....	3,188
Number of circulars sent out.....	882
Number of land warrant assignments approved under seal.....	317
Number of pieces of Virginia military scrip issued.....	67
Number of acres called for therein .....	5,150 $\frac{31}{42}$
Cash received for copies under section 461, Revised Statutes.....	\$6,367 79

*Agricultural patents issued.*

Cash entries .....	6,496
Military locations .....	1,037
Agricultural scrip locations .....	74
Homestead .....	15,781
Sioux half-breed .....	11
Credit system.....	2
Town site.....	15
Ohio military surveys .....	4
Total .....	23,420

Total patents issued by the office, including mineral, swamp, railroad and private land grants .....	24,393
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*Number of patents transmitted.*

Cash.....	5,656
Military .....	1,416
Agricultural college scrip.....	92
Homestead .....	11,933
Ohio surveys.....	4
Total .....	19,101

The recorder of the General Land Office is charged by law with the correct engrossing, recording, and transmission of all patents for public lands; but, under the past and present system regulating work in the office, he only attaches his signature to mineral, swamp, railroad, and private land grant patents, leaving those for agricultural lands alone, to be "engrossed, recorded, and transmitted" under his immediate charge. He is also directed by law (section 459 Revised Statutes) to prepare such copies and exemplifications of matters on file or recorded in the General Land Office as the Commissioner may from time to time direct.

As a matter of fact, however, in the workings of the office, copies, or exemplifications called for under the law, are prepared in each division of the office where the papers are found, of which copies are requested.

During the fiscal year ending June 30, 1880, there were returned to this office as located, military bounty land warrants issued by the Commissioner of Pensions under the acts of February 11, 1847, September 28, 1850, March 22, 1852, and March 3, 1855, calling for 89,340 acres, showing an increase, from the amount located with similar warrants during the previous year, of 38,520 acres.

The following statement will show the total number of acres located with military bounty land warrants issued under the acts of 1847, 1850, 1852, and 1855, in the several land States and Territories for the year ending June 30, 1880:

	Acres.
Alabama.....	40
Arkansas .....	200
Arizona.....	40
California .....	10,280
Colorado.....	1,580
Dakota .....	12,360
Florida .....	880
Kansas .....	11,440



	Acres.
Louisiana.....	1, 280
Michigan.....	41, 800
Minnesota.....	2, 920
Mississippi.....	320
Missouri.....	200
Nebraska.....	3, 680
New Mexico.....	160
Oregon.....	880
Utah.....	360
Washington.....	920
Total.....	89, 340

There are still outstanding and unlocated 22,224 warrants under said bounty land laws, aggregating 2,531,180 acres.

The work performed by the office under the several acts of Congress relating to this class of bounty land grants from the commencement of operations connected therewith to the close of the past fiscal year will be found set forth in detail in a tabulated statement accompanying this report, which shows the total number of warrants issued under each act, the amount of land embraced thereby, the whole number returned as located upon the government lands, with the number unlocated and still outstanding, with the amount of land required to satisfy the same.

The statement referred to shows in brief, there have been returned to this office, as located, 528,931 military bounty land warrants of all grades, with others still outstanding to the extent of 2,535,940 acres, making a grand total, when all have been satisfied, of 61,028,400 acres of the public domain given as bounties by those laws alone to the soldiers and sailors of the United States Army and Navy during the wars prior to the late rebellion. Exclusive of the warrants embraced in the statement referred to, there are still outstanding and unlocated ninety-six warrants, calling for 19,680 acres, issued under the act of July 27, 1842, which revived and continued in force that of May 6, 1812, for services in the war of 1812-'15.

In my last annual report attention was called to the fact that there remained in this division of the office a number of warrants issued under the act of February 11, 1847, which had been sent to the owners thereof, but failing to reach their proper address were returned here as "dead letters." With every effort put forth to bring a knowledge of this fact to parties interested or to their legal representatives, and thus secure the delivery of such warrants to the proper parties, only three cases have been reached during the past year, and there still remain on file for the owners thereof seventy-four of said warrants.

A complete list in tabulated form of these undelivered warrants was given in the report from this office for 1878, page 84.

Twelve hundred and eighty acres embraced in eight certificates have been located with agricultural college scrip issued under the act of July 2, 1862, and during the year seventy-four such locations have been approved and patented.

*Revolutionary bounty land scrip.*—During the year three additional claims have been filed under the scrip acts of Congress of August 31, 1852, and June 22, 1860, aggregating  $3,928\frac{4}{7}$  acres, and during the same time 67 original pieces of such scrip have been issued, calling for  $5,150\frac{3}{4}\frac{1}{2}$  acres, and two certified copies, or duplicate pieces, each for 80 acres, while 13 pieces, covering 700 acres, have been located.

There are still on file and pending for adjudication 313 claims of this class of cases, requiring for their satisfaction, should all be perfected, scrip for  $97,625\frac{5}{6}$  acres.

It is probable, however, in fact almost certain, that very many of these



claims will not be perfected, owing largely to the length of time since the death of original parties and consequent dispersion of the present heirs and claimants, and the rapidly increasing difficulty of showing satisfactory legal evidence of title and present proprietorship.

In addition to the difficulties already pointed out, many of these claims are of such small amounts that the expense and trouble in perfecting the same would exceed the value of scrip if secured.

From a careful examination it is presumed that 25,000 acres will fully satisfy all the pending cases that can be legally substantiated.

*Virginia military district, Ohio.*—On the 27th of May, 1880, Congress passed “An act to construe and define ‘An act to cede to the State of Ohio the unsold lands in the Virginia military district in said State,’ approved February 18, 1871, and for other purposes,” by which it was declared that the said cession to the State of Ohio was intended only to embrace such lands in said military district as were unappropriated and not included in any entry or survey made within the limits thereof.

This act also declares that all surveys made in said district, and returned to the land office therein, prior to March 3, 1857, if founded on entries made prior to January 1, 1852, are valid.

The law in question provides for the survey of all outstanding entries in the said district made on or before January 1, 1852, and grants three years from and after the passage thereof, within which period the said surveys may be returned to this office and patents issued therefor.

The act in question also provides that the provisions thereof shall not in any way affect or interfere with the title to any lands sold for a valuable consideration by the Ohio Agricultural and Mechanical College, granted under the said act of February, 18, 1871. I add a copy thereof, viz :

[PUBLIC—No. 65.]

AN ACT to construe and define “An act to cede to the State of Ohio the unsold lands in the Virginia military district in said State,” approved February eighteenth, eighteen hundred and seventy-one, and for other purposes.

*Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled,* That the act ceding to the State of Ohio the lands remaining “unsurveyed and unsold” in the Virginia military district in the State of Ohio, had no reference to lands which were included in any survey or entry within said district founded upon military warrant or warrants upon Continental establishment; and the true intent and meaning of said act was to cede to the State of Ohio only such lands as were unappropriated, and not included in any survey or entry within said district, which survey or entry was founded upon military warrant or warrants upon Continental establishment.

SEC. 2. That all legal surveys returned to the land office on or before March third, eighteen hundred and fifty-seven, on entries made on or before January first, eighteen hundred and fifty-two, and founded on unsatisfied Virginia military Continental warrants, are hereby declared valid.

SEC. 3. That the officers and soldiers of the Virginia line on Continental establishment, their heirs or assigns, entitled to bounty lands, which have, on or before January first, eighteen hundred and fifty-two, been entered within the tract reserved by Virginia, between the Little Miami and Scioto Rivers, for satisfying the legal bounties to her officers and soldiers upon Continental establishment, shall be allowed three years from and after the passage of this act to make and return their surveys for record to the office of the principal surveyor of said district, and may file their plats and certificates, warrants, or certified copies of warrants at the General Land Office, and receive patents for the same.

SEC. 4. This act shall not in any way affect or interfere with the title to any lands sold for a valuable consideration by the Ohio Agricultural and Mechanical College, grantee, under the act of February eighteenth, eighteen hundred and seventy-one.

Approved, May 27, 1880.

Four patents have been issued during the past year for lands in said Ohio military district for the amount of 710 acres.



At the beginning of the past fiscal year, July 1, 1879, there were on hand, ready for the issue of patents, 7,734 cases. There have been received during the year 21,367, making in all, 29,101.

Deducting from this number the patents issued during the same time, it shows at the close of the year, July 1, 1880, 5,681 cases ready for the issue of patents as soon as they can be reached by the limited force employed upon this work, and unless a larger force can be assigned to this duty, the issue of patents must remain as it now stands, *about one year in arrears*, or upon a fair estimate, *two years* after the final proof or payment is made by the settler at the local office.

Attention is again called to the rapidly increasing demand for exemplifications from papers and records on file in this division, and of the interruption to the current work of the office in the preparation of such certificates and copies, and the request is earnestly renewed for such legislation as will allow the legal fees received for such work to be retained for the purpose of employing the clerical force required to perform the work, and not, as now required by law, be compelled to turn all such money into the United States Treasury, thus in fact reducing the clerical force to the extent required for the performance of the duty.

#### TIMBER LANDS—TIMBER DEPREDATIONS.

Efforts toward the suppression of timber depredations on the public lands have been as vigorously continued since my last annual report as the appropriations made by act of Congress approved March 3, 1879, for that purpose, would permit. Under that act there were provided, "to meet expenses of protecting timber on the public lands, forty thousand dollars, to be made available immediately." This provision admitted of the employment of special agents in investigating public timber trespasses and collecting testimony in the various public land States and Territories, as follows: In Alabama, two; Colorado, one; California, one; Florida, one; Louisiana and Mississippi, one; Michigan, one; New Mexico, one; Oregon, one; Wisconsin, four; Washington Territory, one; Wyoming Territory, one.

The appropriation being found inadequate to the requirements of the service, it became necessary to withdraw in the autumn the agents from California and Oregon, and three of the agents from Wisconsin, leaving but one in that State. The work of investigation was continued in other parts of the field until about the middle of February last, when the exhaustion of the appropriation made it necessary to suspend operations in Florida, Alabama, Mississippi, Louisiana, Michigan, and Washington Territory, until a further appropriation could be obtained. The prosecution of pending suits in the United States courts of said States and Territory was greatly embarrassed in consequence.

The services of special agents acting under registers and receivers in Colorado, New Mexico, and Wyoming were continued under the provisions of section 2 of an act of Congress approved June 3, 1878, entitled "An act authorizing the citizens of Colorado, Nevada, and the Territories to fell and remove timber on the public domain for mining and domestic purposes." In Wisconsin several cases of timber depredation have been investigated and found to be of vast magnitude, involving such important interests to the government that it was deemed essential to continue the work of the agent in that field. He was therefore put upon the rolls of this office and detailed to carry on the work already begun.

Under act of Congress approved June 16, 1880, there were appropri-



ated, "to meet expenses of protecting timber on the public lands, forty thousand dollars," thereby enabling previously suspended efforts against the spoliation of the public timber to be renewed.

The measures that have been taken against the waste and destruction of the public timber have greatly mitigated the evil, and served to check saw-mill owners, lumbermen, and railroad-tie contractors in their unlawful operations upon the public timber lands, and large amounts of money have been received for stumpage and from suits instituted on account of timber trespass.

During the cessation of watchful vigilance upon the part of the government, however, necessitated by the lack of needful funds, the depredators upon the public timber became emboldened in many localities to resume their unlawful acts; and numerous complaints have been received from residents and from settlers in the various public-land States and Territories of the extensive trespasses upon the public timber, committed to the annoyance of the peaceable and well-disposed citizens, to the injury of their interests, and to the great injury of the public domain and of the public interests in general. Requests are received from every direction that special agents should be sent to stop the plundering upon the public timber, but it would be impossible to meet all the demands of this kind with the funds at any time available for this purpose.

In the Gulf States, where there is such ready access to the shipping ports, especially Pensacola, the greatest lumber exporting port in the country, the depredations upon the public timber are very extensive. Very few new cases of trespass, however, have been investigated; owing to the limited amount of the appropriation that could be used for this section of the field, and the prospect of its speedy exhaustion, the special agents were directed to chiefly confine their efforts to securing the testimony needed to sustain pending suits.

In Alabama the timber trespasses exceed in number and extent those of any other Southern State, and are carried on to an alarming extent in the southern counties. Fine ship timber in great quantities, cross-ties, boards, and shingles, are derived from the government lands, and to such an extent that the pine and chestnut and other valuable trees are being nearly all destroyed. Pine trees, large and small, are boxed for turpentine, and are thus rendered in a few years valueless for any purpose.

A vast proportion of homestead entries have been fraudulently made by men of wealth and prominence. Several owners of iron works and lumber mills have furnished money to their employes, many of them ignorant and lawless men, to enter the lands in the vicinity of the furnaces and mills for the sole purpose of acquiring the timber thereon. In one instance, nearly ten sections of public land were thus entered by an iron company. From lands so entered mill owners in both this State and Florida have cut individually from five thousand to ten thousand logs every season. The special agent recently reported 16,100 pine saw-logs cut from lands illegally entered and sent to the mills in Florida. These lands were entered in some cases in the names of members of a family including the young children.

The law-abiding citizens entertain well-grounded fears that the timber of their State will soon be entirely destroyed, and they urgently request that such wanton destruction may be stopped and that another special agent might be sent among them, as the time and attention of the agents already in this part of the field were so fully occupied with completing the evidence for sustaining the numerous suits pending in the courts of the three judicial districts of the State.



Many suits have been instituted and judgments and convictions rendered. Legal proceedings against several iron companies, referred to in my last report as then being instituted, resulted in one instance, by agreement with the department, in being compromised, upon payment into the court of \$4,400 and costs of suit. In suit against another iron company the evidence showed conclusively the trespass, and the charge of the judge was direct and positive as to the law, but the jury returned a verdict for the defendant. The effect of the suits brought before the United States court in the middle district of Alabama has, in spite of the many obstacles that have intervened in the prosecution of parties guilty of timber trespass, been very salutary, and a decided check has been given to depredations upon the public timber in the central part of the State. In the northern judicial district of the State a number of criminal and civil cases have been continued. In the southern judicial district quite a number of cases reported by the special agents are now pending, involving the sum of \$40,887.25. Suit is pending, against an extensive mill company in Florida, who have cut to the extent of 50,000 logs, a portion of which came from lands stripped under color of title from grants to the railroad company. Suits are pending for trespass by boxing the trees for turpentine, one of which involves 4,680 acres of land, most of which was fraudulently entered, and the other involves 3,100 acres of public land, for which an offer of settlement at the rate of 40 cents per acre was made but not accepted.

Three civil cases have been tried and verdict rendered for the government, with judgment amounting to \$1,040.10 and costs.

Trespasses committed by bark contractors are frequent and extensive. In some cases the trespass extends over several quarter sections. It is estimated that \$50,000 worth of tan bark has been illegally taken from public lands.

In Florida, since the appointment of special agents to look after the matter of depredating upon public lands, the loggers have become less reckless in their operations than before, and persons legitimately engaged in the lumber business are more careful not to incur any risks in being reported as trespassers upon the public timber. The evil, however, has not been wholly eradicated, and trespassing is yet extensive. The watchful protection of the government is required over the still immense extent of finely timbered public lands tributary to Pensacola, and over the vast ranges of fine timber country in other parts of the State.

Trespassing in this State may be classified as follows:

The cutting and removing of pine and live oak trees.

Boxing pine trees for turpentine and naval stores.

Cutting and removing the palmetto tree for manufacturing it into paper, and for its use as logs in building wharves.

Making fraudulent entries for the sake of the timber, without compliance with the requirements of the law.

Vast ranges of the finest timber in the world, growing in this State, have been despoiled by mill owners and lumber companies; and thousands upon thousands of trees have been tapped for turpentine. Extensive turpentine distilleries are found in Suwannee and Escambia Counties, a large proportion of whose supplies are drawn from the trees on public lands.

Many suits, both civil and criminal, involving large interests to the government, have been instituted and are yet pending in the United States courts at Jacksonville, Pensacola, and also Mobile, owing to the fact that the trespasser, in some cases, residing in Florida, has trespassed upon the public lands in Alabama, whence the logs have been



rafted to the mills in Florida. A replevin suit is pending against a large mill company, which, without reference to other extensive trespasses charged against them, involves \$10,000. The company offered to compromise by the payment of \$1,500, which offer was not recommended for acceptance. Three civil cases are still pending in the United States court at Jacksonville, having been continued from term to term, and are now set for the next December term of the court.

In Mississippi, trespassing on public lands has become so general that to enter the lands where simply the timber is wanted is considered a useless matter. The log cutters and mill owners have been reported as depredating heavily in Southeast Mississippi, where 70,000 logs are reported as taken from public lands in Jackson, Perry, and Covington Counties. Trespassing by boxing the trees for turpentine is more extensive and destructive even than that so largely committed by the log cutters, and many inquiries are made why the government should allow such extensive tracts of fine pine timber to be thus destroyed. One turpentine orchard is reported as extending over an area of ten square miles, and destroying 600,000 trees, three-fourths of which are on public land. There are many turpentine distilleries all along the Mobile and Ohio Railroad for a distance of 125 miles, whose supplies are received from trees boxed on public lands on both sides of the road, the even sections belonging to the railroad not being touched. At Waynesboro' are six stills constantly running and receiving their crude materials from orchards as far as 20 miles west and from Jones County.

Of the suits referred to in my last annual report, some are still pending, being attended with many difficulties and complications. Others have been settled by confessions of judgment, or compromised and dismissed. One criminal suit has been instituted.

In Louisiana, trespass upon the public timber seems to have virtually ceased in the southeastern section, so long as it is felt that a watch will be kept, but information has been received of extensive trespassing in the northwestern section that should receive attention. A number of logs have been seized in Saint Tammany Parish under writs of sequestration.

In Arizona, considerable depredation upon the public timber has been committed by settlers who, forming co operative companies, have built first-class completely appointed saw-mills, grist-mills, &c., and seem to have innocently and economically appropriated the timber to the construction of houses, fences, and to other domestic purposes in their own settlements, and not for speculative purposes. When notified by the registers or receivers of the illegality of their acts, they have manifested a readiness to desist from what they had supposed to be a right and lawful course; but they ask for a liberal construction of the laws that will permit them to utilize the public timber for their necessary domestic requirements in opening up a new agricultural section of the Territory.

There being no special agent assigned to this locality, cases of reported trespass have been referred to the special agent in New Mexico for investigation and report.

In California, much depredation upon the public timber is committed by the mill owners, who destroy more timber in a month than a settler does in years. Numerous saw-mills are in operation, and annually consume great quantities of sugar pine taken from the public lands in Butte, Plumas, Tehama, and Nevada Counties.

Much trespassing is reported upon the redwood pine found on the public lands of Humboldt and Mendocino Counties. ✓

A case involving 3,500,000 feet of lumber, besides several other large



cases, was referred to the United States attorney for prosecution, but there being no available funds for the expenses necessary in summoning witnesses, &c., the matter could not be laid before the grand jury. The necessary withdrawal of the special agent from this State last November left the United States attorney without his needed assistance in making prosecutions effective, by affording an accurate description of the lands trespassed upon, and furnishing names of the witnesses having a personal knowledge of the facts.

In Colorado heavy depredations have been reported by the agent, and complaints have been received from individuals of the wanton and fearful destruction of the timber in the vicinity of Leadville. Saw-mill men are represented as being so aggressive and greedy that they not only cut at will upon the public domain, but invade the claims of the miner. They state that a number of saw-mills are running night and day, averaging each 8,000 feet of lumber every ten hours, all of which is obtained from the public lands and mining claims. The special agent reports twenty-two saw-mills in that vicinity, manufacturing in the aggregate 110,000 feet of lumber daily, from timber purchased by parties making a business of logging, and locating claims for the sole purpose of disposing of the timber thereon. They cut large quantities of young timber for speculative purposes, and dispose of it for timbering mining shafts and tunnels.

Hundreds of charcoal burners consume in the aggregate 1,200 cords of wood daily, and use chiefly the small trees from three to six inches in diameter, it being more easily handled and quickly charred. This is done in direct violation of the law and of departmental regulations under act of June 3, 1878, for the protection of the undergrowth of timber on the public lands. Standing timber, recently killed by fire, being best for charring, large areas of timber near Leadville have been put in that condition. Fires rage in the mountains for many months in the year.

Fourteen smelters are reported as having on hand not less than 100,000 cords of wood; around nearly all these smelters, the wood is piled up by the acre. In one locality \$1,200 worth of wood is reported cut for the smelters, and more contracted for to the value of \$24,000. Homesteads are entered for the sole purpose of stripping the timber therefrom, which being done the lands are abandoned for others, entered with the same intent.

Many of the trespassers are ready to compromise with the government, while others are defiant and determined to resist authority. A number of trespassers were brought before the United States commissioner at Leadville, but the witnesses, fearing prosecution in case they testified to cutting under agreement with the principals and owners of the charcoal-pits, the necessary testimony was not elicited.

From Northern Colorado appeals have been received from parties interested in developing the agricultural resources of that section for the protection of the government against the cutting of public timber along the upper waters of the Cache la Poudre River by tie contractors, whose wholesale destruction of the public timber causes an untimely melting of the snows, and thereby destroys the supply of water needed at irrigating seasons. Tie contractors are actively engaged in their operations, notwithstanding their distinct understanding, at the time of settlement for stumpage on ties cut prior to June 17, 1879, that the government would not permit further cutting under any consideration of settlement. Information is received of one tie contractor having secured a contract for 100,000 ties, to be delivered at Fort Collins.



In Northwest Colorado more timber is destroyed by the forest fires than is unlawfully cut by trespassers. Thousands of acres are reported as burned over, destroying millions of dollars' worth of fine timber. Five or six fires are often burning at one time, and continue for weeks and months; they are started sometimes by the Indians, and often result from the carelessness of campers and pleasure-seekers. A case of fire was reported as raging for three months and destroying the timber for a distance of twelve miles.

From Dakota reports are received of trespass on the public timber growing on many of the islands in the Upper Missouri River. Thirty thousand cords of this wood are used annually in supplying the steamboats plying on the river.

Petitions are received from the citizens, miners, and business men, asking that immediate steps be taken to prevent the abuse of timber privileges, and that a duly authorized agent be sent to co-operate with the United States attorney in this matter. They allege that the timber in the Black Hills in and about the sources of the Whitewood and White Tail Creeks is being stripped from the public lands, and represent the danger of its soon being entirely destroyed unless the spoliation is stopped. In the eastern portion of the Territory complaint is made of the daily and outrageous destruction of the public timber for traffic.

In Idaho many saw-mills are found located upon unsurveyed public lands in Nez Perces, Lemhi, Bear Lake and Oneida counties. With a capacity ranging from 3,000 to 12,000 feet per day, they are manufacturing timber, taken from both mineral and non-mineral lands, into ties, shingles, rails, &c., for speculative purposes.

Suits, both civil and criminal, have been recommended against the owners of several saw-mills in active operation upon unsurveyed non-mineral public lands near Cottonwood Cañon. Since June 17, 1879, they have cut 700,000 feet of lumber according to their own admission. They seem defiant in their unlawful acts, having previously been indicted for public-timber trespass, and released under-bonds, and have perfectly understood that they were rendering themselves liable to criminal prosecution.

In July last reports were received of irresponsible parties bringing down the Clearwater River, every week, rafts of wood, saw-logs, shingles, timber, and rails, which, in the absence of authority to seize the timber, and because of the slow process of indictment, was done with perfect impunity, and without fear of punishment. Suits were instituted involving 307,540 feet of lumber and 369½ cords of wood. Department rates of stumpage to the amount of \$492.29 being received the suits were dismissed.

The Northern Pacific Railroad Company have cut an immense number of railroad ties from unsurveyed public lands on the South Fork of the Yakima River, claimed as "adjacent" lands within the meaning of the act of March 3, 1875 granting timber &c., "from the public lands adjacent to the line of said road." The term *adjacent* is by them construed to mean nearest accessible.

From Kansas and Missouri complaints are received of public-timber depredations on the Osage trust lands, and all along the Osage River, where the lands are pre-empted and homesteaded, and the timber removed therefrom without evidence of actual settlement, and in some cases without any pretext of title. The timber is cut into cord-wood and removed at the rate of from fifty to seventy-five loads daily; it is also largely used for railroad ties.



From Nebraska similar complaints are received.

In Michigan a suit is pending, involving upwards of 2,000,000 feet of lumber. Large depredations are committed upon the public timber in the vicinity of Thunder Bay. The Canadians are lumbering extensively on the public lands in the vicinity of Sault Ste. Marie and on the shores along Lake Huron.

A number of logs were found which had been unlawfully cut from the Isabella Indian Reservation and left without any claimant. They were sold, and the proceeds of sale were deposited in the United States Treasury.

In Nevada the public timber is greatly depredated upon, and the cutting of young saplings is very extensive. In one locality 100,000 cords of wood and a great quantity of sawn timber, taken from public lands, are now ready for delivery. The purchasers of timber lands legitimately engaged in the lumber business, find it impossible to compete with lumber dealers who obtain unlawfully the public timber. They, and parties engaged in mining interests, are very urgent in their desire that stringent measures shall be taken against such reckless and lawless operations.

Two suits in trover are pending in the United States district court wherein the amount claimed for the government aggregates \$99,000.

In New Mexico much bold and lawless trespassing has been committed by saw mill owners and lumbermen. The agent has investigated and reported upon cases involving 1,169,984 feet, 23,000 shingles, 41,050 laths, which is but a small portion of the depredations upon the public timber. Mills with a capacity of 15,000 feet per day are located upon unsurveyed public lands, and upon unconfirmed private land grants, in the midst of the finest pine lumber region. The lumber that is manufactured is sold for speculative purposes, as are also the wood and timber taken from the public mineral lands.

Some of the trespassers have manifested a readiness to settle for the public timber they have taken, while many seek to shelter themselves behind the fact that the timber was cut and used for building, agricultural, mining, and other domestic purposes.

Stumpage has been paid to the amount of \$447.36 on 447,360 feet of lumber. Demands for settlement have been made upon other trespassers, failing which suits will be recommended against them.

In Oregon much in the way of prevention of timber trespass has been accomplished by the services of the special agent. The attention of the people is awakened to the fact that the government intends to protect its timber, and that trespassers may not commit depredations with impunity. Public sentiment is opposed to trespassing along the coast, where there are fine forests of public timber, much of which is manufactured into lumber and shipped to San Francisco and Mexico.

Cases of trespass have been investigated and reported involving two millions and a half feet of public timber, and hundreds of cords of wood, all of which was cut and sold for speculative purposes.

In order to secure a personal interest in the preservation of the timber, and thereby favor a continuance of irrigation of the lands by rain-falls and melting snows, it has been suggested that there should be such legislation as would enable actual settlers upon arable land to obtain, in addition to their claim, either with or without payment, forty acres or less, in proportion to their claims, of timber-land somewhat near to their farms.

In Utah there are many complaints made of the cutting and removing of timber from the non-mineral lands by mine owners, to the detriment of the settlers.



Demands for stumpage have been made upon 465,000 feet of lumber and 550,000 railroad ties, to which response has not yet been had. Stumpage has been received to the amount of \$4,174.75 on 166,991 ties, and \$235 on lumber, all of which was cut prior to June, 1879.

In Wyoming, as in Utah, the tie business has been checked, but without careful watching and timely warning upon the part of the agents the public lands would be as much resorted to by tie contractors as other lands.

Very little new trespass has been reported from this Territory. The efforts of the special agent have been mainly directed to the settling of old cases.

Stumpage has been received to the amount of \$2,265.82 on 90,634 cross-ties.

In Washington Territory whatever irritation may have been created at the outset by the efforts of the government to protect the public timber has greatly abated, and there is now a general feeling of satisfaction even among those upon which the heaviest fines were imposed, and now every legitimate logger, bona fide settler, and business man of character desire a continuation of these efforts until the practice of trespassing upon the public timber shall be stopped. The work of the special agent has stimulated the legal acquisition of lands. Many logs were seized, some of which were released under bond, and balance sold. The proceeds of the sale amounted to \$1,276.66, which sum was paid into the United States court, subject to its order.

Owing to the complicity of the community in timber depredations it was found difficult to secure convictions in criminal prosecutions before the juries, but forty cases of trespass in the vicinity of Puget Sound, brought for civil action in the United States court, were adjusted and aggregated, on account of fines and costs, \$8,053.67, of which amount \$6,843.67 have been paid into the court. There are about thirty cases in the same vicinity yet to be adjusted—twenty-five in the Columbia River region and fifty east of the mountains, which it is hoped may be soon adjusted as the Territory is being so rapidly settled.

Trespassing in the region of Puget Sound has received a wholesome check, but attention has been asked to trespasses in Shoalwater Bay, Willapa, and Columbia River country, in Western Washington.

In Eastern Washington the rapid growth of the country is leading to the establishing of many saw-mills and other agencies for the destruction of the timber. Private speculators are cutting large quantities of timber on unsurveyed and other public lands along the Yakima River and elsewhere. Railroad companies, under a very free construction of the language "public lands *adjacent* to said railroad lands" are trespassing largely upon the public timber and tie contractors are actively engaged in filling immense contracts.

The supply of public timber in Western Washington is likely either to be exhausted in a few years, or to be controlled and held at a high price by a few individuals; it has therefore been suggested that the government reserve for its own use one or more townships of timber land not valuable for agriculture. Such a township wholly inland has been surveyed, and if no action be taken to prevent it, it is likely that speculators will secure its control for the timber.

It is further suggested that the timber lands be surveyed in order that they may be acquired by actual settlers upon or near them, for the reason that the timber will be better preserved in the hands of private owners than at present; they will utilize the old and protect the young timber.



It is thought that a repeal of the pre-emption laws, now a prolific source of fraud and perjury, and allowing settlers the lands under the homestead laws only would operate favorably in the protection of the public timber.

In Wisconsin the special agent has been chiefly employed in surveying and scaling the lands trespassed upon, and in securing such evidence and witnesses as are necessary to complete testimony required for a successful prosecution of the cases pending in the United States court.

Fourteen cases have been tried and convictions rendered; the sum of \$9,314.37 has been received on account of fines, costs, stumpage, and sales of lumber seized. Surveys and scaling in cases heretofore reported show trespass to the amount of 4,679,683 feet of logs, 120½ cords of wood, and 2,721 railroad ties.

Of new cases of trespass reported during the past fiscal year the lands in four have been surveyed, and the trespass by actual measurement and count amounts to 305,339 feet. There is an estimated amount in twenty-seven cases of trespass of 13,400,000 feet. The evidence has been completed in ten cases and placed before the United States district attorney, and several cases have been reported to the department recommending suits be instituted.

The work during the past fiscal year of the division having charge of timber depredation matters has been as follows: Letters received, 1,095; Letters written, 771, covering 687 pages of letter record.

#### PRIVATE LAND CLAIMS.

The cases coming properly under this designation are those having their origin in some form of concession from a foreign government, before the acquisition, by the United States, of the territory in which they are located, and are embraced within the purchases of Louisiana and Florida, the cession made by Mexico by the treaty of Guadalupe-Hidalgo and the subsequent Gadsden purchase. The rights of claimants under the several concessions are recognized, and their protection stipulated in the respective treaties of acquisition; and after the confirmation of their claims under the various laws passed by Congress for ascertaining their validity, their proper location, survey, and patenting come within the supervision of the private land claims division of this office. This division also has in charge the examination, location, and patenting of donation claims in the State of Oregon and the Territories of Washington, New Mexico, and Arizona, and of certain Indian claims. It is also charged with the issuing of scrip in satisfaction of confirmed claims, where the land confirmed has been disposed of by the United States, and with the examination and authentication of other scrip issued for like purpose, and with other matters in the service, of character similar to the foregoing.

During the last fiscal year ending June 30, 1880, the work done in the division was as follows:

California private land claims patented .....	17
Oregon and Washington Territory donation land claims patented .....	18
Louisiana and Michigan private land claims patented.....	14
Indian claims patented.....	3
Final approvals of entries made with certificates of location, act June 22, 1860, and supplemental legislation .....	75
Cases in Louisiana for which scrip has issued .....	4
Number of New Mexico and Arizona private land claims reported to Congress....	6
Claims patented under special acts of Congress .....	1
Number of claims under act of June 22, 1860, and supplemental legislation reported to Congress .....	4



The above statement has reference only to such cases as have been *finally* settled.

In addition to the foregoing there have also been examined, approved, and recorded the assignments of 36 certificates of location under the various acts of Congress, principally the act of June 22, 1860, and 384 scrip entries under the same act and legislation supplemental thereto have been passed for patent.

The total number of letters received in this division of the office during the fiscal year was 1,238, and the total number of letters written was 1,054, covering 1,423 pages of record.

Preliminary examinations have been made in a large number of cases, some of which have been passed for patent, while others have been suspended on account of imperfections, and are now subjects of correspondence or have been returned to the local offices for amendment or further proof. A number of cases have been decided, and are now on appeal or awaiting the expiration of the time within which appeal may be taken, or, having been decided on appeal, are now awaiting the execution of the decision by the proper officers.

During the year action in reference to the private land claims in the Territory of Arizona has been commenced under the 8th section of the act of Congress of July 22, 1854, as extended to Arizona by the act of July 15, 1870. Under your appointment of February 26, 1879, and in pursuance of instructions from this office, Mr. R. C. Hopkins, lately in charge of the Spanish archives in the office of the United States surveyor general for California, visited Ures, the late, Hermosillo, the present, and Arizpe, the former, capital of Sonora, and made careful examination of the Spanish and Mexican archives found there, taking notes and making transcripts of such grants and documents as relate to lands now within the Territory of Arizona, concluding his labors, of which he has made full report to this office, in August last. The data thus obtained will, it is believed, be of great service in determining the authenticity of claims and limiting confirmation to such as have legal validity.

After sufficient publication of notice, the office of the United States surveyor general for Arizona was open for the presentation of claims on the 1st of September last, and their examination is in progress. Seven of this class of claims were reported to this office by the surveyor general within the last fiscal year, two of which were transmitted to Congress at its last session.

The following statement is submitted with regard to the condition of the work in the same division at the beginning of the current fiscal year :

Number of California claims docketed and not finally adjudicated.....	31
Number of confirmed New Mexico and Colorado private land claims reported and not finally adjudicated .....	35
Number of New Mexico and Arizona donations reported and not finally adjudicated.....	176
Number of Oregon and Washington Territory donations reported but not finally settled.....	576
Number of scrip cases reported, act June 2, 1858, and awaiting action .....	91
Number of scrip cases under act June 22, 1860, and supplemental legislation awaiting action .....	1
Number of claims reported under act June 22, 1860, and supplemental legislation, to be reported to Congress by this office.....	25
Number of Florida, Louisiana, Mississippi, Michigan, and Indiana cases awaiting action .....	42
Claims within limits of Las Animas grant in Colorado not adjudicated .....	10

It would be impossible, without a long and tedious examination of the files, containing many thousand cases both patented and unpatented, to approximate, with any degree of certainty, the number of claims in the States of Alabama, Mississippi, Louisiana, Arkansas, Florida, Mis-



souri, Illinois, Indiana, and Michigan, not patented, and for which patent certificates and special plats of survey are on file here.

These claims are disposed of as called up by the parties in interest or their duly authorized attorneys; *e. g.*, an application being made for a patent in a specific case, an examination is first made of the files (of which there are alphabetical indexes showing the names of confirmees), and if the necessary papers are found, constituting the basis of patent, they are examined to ascertain that the confirmation is properly set forth therein (which fact must also be carefully inquired into from our own records), that the claim is correctly surveyed, and, generally, that the papers are in all respects correct; then, if the examination results satisfactorily, the patent is issued; while, on the other hand, if the papers are not found the party is so advised, and that the papers must be filed before action is taken here.

The foregoing statement has reference merely to such cases as are pending upon applications for patents.

The claims, aggregating many thousand in the above-mentioned States, which have been reported by the various boards of commissioners and confirmed by Congress, from time to time, might be properly termed cases in this office for action, although in numerous instances the papers constituting the basis of patents are not on file here. The reports are here, however, and as this office is often called upon to furnish information upon questions of title, they afford ample facilities for that purpose.

*Decisions and instructions in cases of private land claims, &c.*

PUNTA DE LA CONCEPCION, CALIFORNIA.

A United States light-house location found to be within the limits of the grant, its exclusion from the patent was unauthorized by law.

Patent directed to be cancelled and one issued to include the whole confirmed grant.

DEPARTMENT OF THE INTERIOR,  
Washington, April 20, 1880.

SIR: On March 2, 1864, your predecessor, Hon. J. M. Edmunds, transmitted to this department the appeal of the claimant of the Rancho Punta de la Concepcion, situate in California, from the refusal of your office to include within the patent issued all the lands confirmed to him.

The letter of transmittal shows that 160 acres of said rancho, upon which was situate a light-house, were excluded from the patent because the light-house had been built thereon without any notice from the claimant of the rancho that it was situate upon lands which he claimed, and that extensive and valuable improvements had been made thereon.

An examination of the papers transmitted shows that on May 10, 1837, Juan B. Alvarado, Mexican governor of California, granted to Anastacio Carrillo a tract of land bordering on the Pacific Ocean, known as Punta de la Concepcion; the board of land commissioners appointed under the act of March 3, 1851, rejected the claim; on appeal, the district court of the United States for the southern district of California reversed the decision of the board and confirmed the claim to Carrillo as made by Governor Alvarado; an appeal from the decision of the district court was taken to the Supreme Court of the United States, but was not prosecuted by the Attorney-General, and was subsequently dismissed.

The claim was surveyed in November, 1860, and patent issued to Carrillo July 30, 1863, except a tract one half mile square on which Point Concepcion light-house stood. Carrillo refused to accept the patent because said tract was not included therein, and appealed to this department as above stated.

I find nothing in the case showing that the tract excluded from the patent was not properly included in the survey of the rancho as confirmed. The light-house erected on the tract has stood there since 1852. The reason assigned for not including the tract in dispute within the patent that the owner of the grant did not object to the erection of said light-house, does not appear to me sufficient.

At the time when said light-house was built, few of the claims protected by the treaty of Guadalupe Hidalgo had been settled by the commission appointed for that



purpose, or by the district court on appeal. The State of California had just been admitted into the Union, a new government established, and a state of things with which the former residents of that territory were entirely unacquainted inaugurated. The Government of the United States in assuming control of the territory, and in adopting such means as were deemed necessary to protect the commercial interests in that section, took possession of this tract of land undoubtedly without inquiry as to its ownership, and erected thereon a light-house. Whether the claimant of the rancho was present or not does not appear, and if he had been present, whether his objections would have availed anything is quite doubtful, because the title to the property was then unsettled.

Without further consideration, however, of this question, it seems clear that, after his title to the land was confirmed and it was shown that the United States never had any title to said tract of land, the government could not take it from its lawful owner without paying a consideration therefor. This is a constitutional right, and the owner of this rancho was guaranteed protection in all his rights of property the same as other citizens of the United States.

I must, therefore, decide that the exclusion of said tract of land from the patent was erroneous and unauthorized by law, and the claimant of the rancho was justified in refusing to receive the patent without the same being included therein.

Whatever reasons may have induced my predecessors to withhold action on this case it is not now necessary to consider. The case is undisposed of, and the present owners of the rancho are desirous that a patent such as they are entitled to under the law shall be issued.

If the government desires any portion of the tract to which the present owner of the rancho is entitled for light-house purposes, legal proceedings can be instituted to condemn the same for public purposes, and thereby the government can acquire a title to so much of the same as may be necessary; but the government can never acquire a title to the tract excluded from the patent, or any portion of it, by simply refusing to convey it to the owner, as no title to the said land was ever in the United States.

You are, therefore, directed to cancel the patent issued to Carrillo on July 30, 1863, and to issue to him a patent for the Rancho Punta de la Concepcion, as confirmed by the court and surveyed under the directions of your office.

The papers transmitted with the letter of your predecessor of March 2, 1864, together with the papers filed in the case since that date, are herewith returned.

Very respectfully,

C. SCHURZ, *Secretary.*

The COMMISSIONER OF THE GENERAL LAND OFFICE.

#### VALLE DE SAN JOSÉ, CALIFORNIA.

Decision as to location of grant founded on error of fact, discovered before final patent, may be corrected, provided no intervening rights of third persons have accrued.

DEPARTMENT OF THE INTERIOR,  
*Washington, December 8, 1879.*

SIR: I am in receipt of your report of the 2d instant, and request for instructions respecting the approval of surveys recently executed, covering the confirmed California private claims known as the Rancho Valle de San José, Silvestro de la Portilla confirmee, and Rancho San José del Valle, J. J. Warner confirmee.

By decision of your office, April 22, 1875, it was held that the first-named claim was prior in right, and entitled to full satisfaction for the quantity of four square leagues; after which the latter claim might be surveyed so as to include the residue of the Valley of San José, the exterior boundaries being common to both said grants, and there being, according to the evidence on the topography of the valley, an insufficient quantity of land to satisfy both.

This decision was affirmed on appeal July 10, 1878; the exterior boundaries being with considerable particularity set out in the award.

You now report that plats bearing date, respectively, February 20 and February 26, 1879, have been returned approved by the United States surveyor-general of California, fully satisfying both grants without conflict, and still purporting to embrace only lands of the true San José Valley.

After full investigation and report from the surveyor-general and experienced deputies, who executed the surveys, you reach the conclusion that there was error in the data furnished at the time of the former examination, and that the true valley does actually contain sufficient land for the satisfaction of the surveys. Corroborative of this view, a topographical map prepared in the office of the surveyor-general is furnished with the report.

You therefore submit the inquiry, whether you are at liberty to approve the surveys, notwithstanding the fact that they do not conform to the restrictive boundaries set out in the departmental decision.



In reply, I have to state that the question being one of fact, any error discovered prior to the final issue of patent may be corrected, provided no intervening rights of third persons have accrued; and this case being one in which conflict will be avoided rather than created by a correction, is clearly within the reasonable rule in that regard. You are therefore authorized to approve the surveys as returned by the surveyor-general, if satisfied that they are correct, and that the rights of all parties in interest and of the government will be fully protected.

The papers accompanying your letter are herewith returned.

Very respectfully,

C. SCHURZ, *Secretary.*

The COMMISSIONER OF THE GENERAL LAND OFFICE.

### CLAIM OF PRESTON BECK, JR., NEW MEXICO.

#### *Appeal from decision of Commissioner approving survey.*

The claim having been confirmed by the act of June 21, 1860, was surveyed, the survey not objected to, but approved by the surveyor general, and returned to the General Land Office in 1861; the claim published in the annual reports of that office for 1867-'68-'69-'70 and '71, as a confirmed claim of the exact quantity ascertained by the survey; the survey remained unquestioned until 1874, when parties in interest filed protests against it, claiming a much larger area, and were allowed investigation and hearing; in the mean time the townships, made fractional by the survey adjoining the surveyed area on the south and east, were surveyed and their lines closed thereon, the township surveys approved, and used in the disposal of the public lands:

*Held*, That the publication of the surveyed claim, as aforesaid, and the approval and adoption of the public surveys closing upon it, was an approval of the survey.

That if the acts aforesaid, did not amount to an approval, inasmuch as, at the date of the passage of the act of 1869, the claim had been reported to Congress, as aforesaid, in two annual reports of the General Land Office, and that act required the Commissioner to issue patents for confirmed claims in New Mexico which had been surveyed, and the survey filed in his office, it may be assumed that Congress intended that patent should issue for the land ascertained by the survey.

*Held* further, that in reopening the matter by the then Commissioner, October 19, 1874, he exceeded his jurisdiction, for at that time all questions as to the correctness of the survey were *res judicata*.

#### DEPARTMENT OF THE INTERIOR,

*Washington, August 21, 1880.*

SIR: I am in receipt of your letter of the 14th of April last, accompanying the papers in the matter of the survey of the Rancho San Juan Bautista de Ojito del Rio de las Gallinas, situate in San Miguel County, Territory of New Mexico, Preston Beck, jr., confirmer.

The matter is brought here on appeal from your decision of August 14, 1879.

The eighth section of the act of July 22, 1854 (10 Statutes, p. 308), made it the duty of the surveyor general of the Territory of New Mexico, under instructions to be given by the Secretary of the Interior, "to ascertain the origin, nature, character, and extent of all claims to lands under the laws, usages, and customs of Spain and Mexico," in said Territory, and for this purpose the surveyor general was authorized to issue notices, summon witnesses, administer oaths, "and do and perform all other necessary acts in the premises." He was also required to make a full report of all such claims as originated before the cession of the territory to the United States by the treaty of Guadalupe Hidalgo, denoting the various grades of title, with his decision as to the validity or invalidity of each of the same under the laws, usages, and customs of the country before the cession thereof to the United States, "which report," the act provides, "shall be laid before Congress for such action thereon as may be deemed just and proper, with a view to confirm *bona fide* grants, and give full effect to the treaty of eighteen hundred and forty-eight, between the United States and Mexico; and until the final action of Congress on such claims, all lands covered thereby shall be reserved from sale or other disposal by the government, and shall not be subject to the donations granted by the previous provisions of this act."

The ninth section vested the Secretary of the Interior with full power and authority to issue all needful rules and regulations for carrying into effect the several provisions of the act.

To the tribunal thus established Preston Beck, jr., submitted his claim for consideration May 10, 1855, and prayed confirmation thereof. The claim was opposed by Alexander Hatch, and about one hundred other persons, settlers upon the grant. The case was set for hearing August 20, 1855, and testimony was taken on behalf of both the claimant and the contestants, and the case was fully argued and submitted. The testimony and the arguments thereon had reference to the boundary as well as to the validity of the grant. The whole matter was fully reported by the surveyor general, who decided in favor of the validity of the grant, approved the claim, and recommended Congress to cause it to be surveyed, and a patent to be issued to the said Preston Beck, jr., by the proper department therefor.

The surveyor general's report, which contained a copy of the testimony and title papers, was in due time laid before Congress, and by that body the claim was con-



firmed by the first section of the act of June 21, 1860 (12 Statutes, p. 71), as follows: "That the private land claims in the Territory of New Mexico, as recommended for confirmation by the surveyor general of that Territory, and in his letter to the Commissioner of the General Land Office of the twelfth of January, eighteen hundred and fifty-eight, designated as numbers one \* \* \* and eighteen, \* \* \* be, and they are hereby confirmed"—Beck's claim being that designated in the act as number one.

It appears to me that this confirmation was intended to be the final action of Congress upon the claim mentioned in the act of July 22, 1854, and that it should have been followed by survey accordingly. A careful reading of the eighth section of the act of 1854 makes it clear that the final action therein contemplated, was the confirmation or rejection of a claim by Congress, upon consideration of the surveyor general's report; and that, upon rejection of a claim, it was intended that the land should become a part of the public domain; and upon confirmation, that the land should be segregated from the public lands, which could only be done by survey; and the confirmation of 1860 was made in view of, and undoubtedly in harmony with, the provisions of that section. Furthermore, the surveyor general in his report recommended Congress to cause the claim to be surveyed, and the claim was confirmed, "as recommended by the surveyor general"; and in the act making sundry civil appropriations, approved June 25, 1860 (12 Statutes, p. 108), is this item: "For surveying the public lands and private land claims in New Mexico, ten thousand dollars." Clearly, therefore, there was authority to make and approve a survey of the claim, as confirmed prior to the act of March 3, 1869 (15 Statutes, p. 342), and under that act the authority to issue a patent upon such survey is undoubted. (Opinion of Attorney General of February 21, 1874, 14 Opinions, 624.)

The claim was surveyed for the claimant by Deputies Pelham and Clements, and approved by Surveyor General Wilbar, November 23, 1860, and the plat thereof was forwarded to your office with the surveyor general's letter of May 4, 1861.

So far as the records show, there was no objection made by the grant claimant to the survey. On the other hand, his legal representatives, by their attorneys, repeatedly requested the issuance of a patent, and submitted arguments in favor of their right thereto, and of the authority of the Commissioner of the General Land Office to issue it. As late as 1872, it was contended by counsel of the grant owners, that the survey was made by authority and that it had the legal sanction of the department; and as late as July 11, 1874, council for claimants renewed their application for the issuance of patent on said survey. But the authority of your office to issue a patent was doubted, even after the passage of the act of 1869, and the question was not settled until the rendition of the opinion of the Attorney General, above cited, in February, 1874, for which reason alone, as I understand it, the patent was withheld until that time.

Thus the survey remained unquestioned until August, 1874, when parties claiming an interest in the grant filed protests against it, claiming that they were entitled to a greater quantity of land than was embraced by the survey, and requesting a further survey; and on the 19th of October, 1874, your predecessor directed the surveyor general to notify parties in interest that they would be allowed to submit further testimony, thus reopening the case.

The claim was published in the reports of your office for the years 1867, 1868, 1869, 1870, and 1871, as a confirmed claim, and as containing the exact quantity of land ascertained by the survey, viz, 318,699.72 acres. This clearly was a recognition of the survey, and amounted to an approval thereof, even before the passage of the act of March 3, 1869. It was not absolutely necessary in this class of surveys that the approval should have been actually attached to the plat, although it is the better way of evidencing an approval. Other acts of the Commissioner may amount to an approval, so as to make it as effective as if entered upon the plat. This doctrine was announced in the decision of this department of February 21, 1872, in the matter of the survey of the Tajauta Rancho. Clearly, a publication of the claim in the manner aforesaid, for so many successive years can amount to no less than an approval or recognition of the correctness of the survey. But to this may be added the fact that fractional townships 10 north 24 east, 10 north 23 east, 11 north 23 east, 12 north 23 east, 12 north 22 east, and 13 north 22 east, all made fractional by the eastern line of said survey, were surveyed, and the lines thereof closed upon the eastern line of this claim, and the surveys were approved and adopted and used in the disposal of the public lands long before any question of the accuracy of the survey of the grant was ever raised by any one; and other surveys of fractional townships of lands abutting on this grant, have since been approved and adopted. This, undoubtedly, was an approval or recognition of the grant survey, at least to the extent of the lines upon which the public surveys were closed.

Again, by the second section of the act of 1869 (15 Statutes, p. 342), the Commissioner of the General Land Office was required to issue patents for private land claims in New Mexico, which had theretofore been confirmed by acts of Congress and surveyed, where



plats of such surveys had been filed in his office, but for which no patents had been issued.

If, therefore, the survey under consideration was at that time recognized and adopted by your office as the survey of the claim of Preston Beck, jr., the act left no discretion with the Commissioner in the premises, but imposed simply the ministerial duty of issuing a patent in accordance with the survey. But even if the acts of your office in relation to the survey did not amount to an adoption, approval, or recognition thereof, inasmuch as the claim had been reported as above mentioned in two annual reports of your office, and laid before Congress with the report of the Secretary of the Interior, it may be fairly assumed that Congress intended that patent should issue to the claimant in this case for the lands ascertained by the survey as falling within the grant as confirmed.

When, therefore, your predecessor reopened the matter, October 19, 1874, and directed further proceedings to be had before the surveyor general, he evidently exceeded his jurisdiction; for at that time all questions as to the correctness and validity of the survey were *res judicata*: and no case that would authorize a reopening of the matter was presented, even if your office had jurisdiction to reopen it upon any showing, which, it would seem, it had not. Hence, all the subsequent proceedings have been in error.

I therefore dismiss the appeal and direct that patent issue to the proper parties, in accordance with said survey and plat.

The papers submitted with your letter of April 14, 1880, are herewith returned.

Very respectfully,

A. BELL,  
*Acting Secretary.*

The COMMISSIONER OF THE GENERAL LAND OFFICE.

#### PART OF RANCHO NAPA, CALIFORNIA.

Survey of grant approved before, and not pending in United States district court at the time of the passage of the act of June 14, 1860, publication under that act of no effect, and subsequent proceedings of the court pursuant to such publication, modifying and approving survey as modified, without jurisdiction and void.

Act of July 1, 1864, not repealed by Revised Statutes, and publication of the original survey under same necessary.

DEPARTMENT OF THE INTERIOR,  
GENERAL LAND OFFICE,  
Washington, D. C., April 21, 1879.

SIR: I have examined and considered the application made by L. Aldrich, esq., in behalf of Otto H. Frank, confirmee of part of the Rancho Napa, addressed to this office, asking for the publication of notice of the survey of the land confirmed to him, in accordance with the act of July 1, 1864, with the documents accompanying the same transmitted with your letter of September 3, 1878, and papers relating to the matter subsequently received.

Said application having been first made to your office and denied, is in the nature of an appeal from your decision.

It appears from the papers submitted, including a copy of the official plat of the original survey, certified by you, that said survey was executed by United States Deputy Surveyor C. C. Tracy, under the act of March 3, 1851, in October, 1858, that it was approved by Surveyor General Mandeville January 4, 1860, and that at the date of the passage of the act of June 14, 1860, it had not been returned into the United States district court, nor were proceedings having relation to it in any manner then pending in said court; that subsequent to the passage of said last-mentioned act, in February and March, 1862, notice of said survey was published by the surveyor general in supposed compliance with the provisions of said act, and on the 11th of March, 1862, the United States attorney for the northern district of California, made application to the United States district court for said district for an order directing the return of the survey into court, stating in his petition, as the grounds for said application, that said survey was approved by the surveyor general of the United States for California on January 4, 1860; that the date of the first publication by said surveyor general under "the provisions of the act of June 14, 1860, was February 13, 1862, and that said survey is erroneous"; that on the same day an order was made by said court in accordance with the prayer of said petition; and in obedience thereto, said survey was returned to and filed in said court on the 5th of May, 1862; that on the 11th day of June, 1869, the court, by its order in the case, directed "that the official survey herein filed under the order of this court, be modified," &c.; that in obedience to the order of the court instructions were issued by Surveyor General Day to United States Deputy T. J. Dewoody to execute a survey in accordance with the directions contained in the order of the court, which appears to have been done; and on the 3d of May, 1871, the court, by its further order, approved the modified survey.



The application of Mr. Frank for publication of the original survey under the act of July 1, 1864, assumes that the survey did not come within the provisions of the act of June 14, 1860; that its publication under that act was unauthorized and of no effect; that the court had no jurisdiction of the same, and its proceedings and orders in the case were therefore void; that the Tracy survey of October, 1858, became subject to the act of July 1, 1864, and requires to be published according to the provisions of that act.

R. B. Woodward and others, "claiming under the present survey of the Rancho Napa," appearing by E. C. Ford, esq., of this city, oppose said application on the ground substantially:

First. That the survey made in 1858, as modified by the decree of the district court, has become final.

Second. That the act of 1864 was repealed by the Revised Statutes approved June 22, 1874, which in the sections referred to make provisions for the survey and patenting of private land claims and repeal all other laws in reference thereto; and the survey in this case having been confirmed, there remains but one duty to perform, the ministerial act of issuing the patent.

Third. That the attorneys for the confirnee should be required to elect which survey they ask to have readvertised; if it be the Tracy survey of 1858, that survey is obsolete, and there was no decree of confirmation covering the land included by it; if the survey approved by the court, that survey should not be disturbed, for the reason that the court had jurisdiction, &c., and the Commissioner has not the power to review the decision of the court, and the survey is in accordance with the decree of confirmation.

The ground of your decision, denying the application, is stated in the letter from your office to the agent of the applicant, attached to the application to this office transmitted by you as aforesaid, to be "that the court has finally acted on the survey, which action was acquiesced in by Mr. Frank." In your letter to this office transmitting the application and accompanying papers, you state the ground of your decision as follows: "It is the opinion of this office that the survey is final, having been approved by the court."

The act of June 14, 1860 (12 Statutes, p. 33), had application only to surveys made subsequent to its passage, with the exceptions that by the sixth section it is made applicable to surveys previously "made and approved by the surveyor general," which had "been returned into the district courts," or in which proceedings were then "pending for the purpose of contesting or reforming the same."

The survey under consideration was made in October, 1858, and there is no dispute as to the date of its approval being January 4, 1860. It was not returned into the district court until May 5, 1862, and, of course, was not pending therein, for any purpose, at the date of the passage of the act of June 14, 1860. It did not therefore come within the exceptions specified in the sixth section; was not subject to the provisions of the act; the publication was unauthorized and of no effect; the district court acquired no jurisdiction, and all the proceedings had therein, and in pursuance of its orders made in the case, are void.

This is in accordance with the decision of the Supreme Court of the United States in the United States *vs.* Sepulveda (1 Wallace, 104), which, since it was pronounced, has governed in the construction and application of the act of June 14, 1860. In its opinion the court said: "The act of 1860 creates a new jurisdiction in the court, which cannot be assumed independent of the act, and under it should be exercised only in cases coming clearly within its language." In that case, as in this, the survey was made and approved before, and ordered into the district court after, the passage of the act of June 14, 1860, and modified by the order of the court. The decision of the Supreme Court reversed the decree of the district court, revising the action of the surveyor general and correcting his survey, and directed the court to dismiss the proceedings for want of jurisdiction.

In the case of the Rancho Corte de Madera del Presidio, the survey was made and approved before June 14, 1860, and published under the act of that date; was ordered into the district court September 13, 1860. September 28, 1865, the court overruled the objections and approved the survey; but on the 16th of October, 1865, by a further order, reversed its approval and dismissed the proceedings. Afterwards, under instructions from this office, holding the publication under the act of June 14, 1860, to be invalid, the survey was published under the act of July 1, 1864.

In the case of part of the Rancho Agua Caliente, Leavenworth, confirnee, the survey was made in May, 1859; approved by the surveyor general January 4, 1860; was ordered into the district court September 13, 1860, and on the 9th of November, 1864, the court, by its order in the case, dismissed the proceedings for want of jurisdiction.

In the case of the Rancho Alisal, Hartnell, confirnee, cited by the applicant, the survey was made in May and approved November 4, 1859, published under the act of June 14, 1860, and ordered into the United States district court September 19, 1860. December 19, 1865, the court approved the survey, and it was thereupon transmitted



by the surveyor general for patent. Upon the facts appearing in the case, as above stated, it was held by this office that the survey "having been approved by the surveyor general prior to the passage of the act of June 14, 1860, it could not legally be published under said act, nor did that act give the United States district court jurisdiction of it or similar surveys." The survey was, therefore, returned to your office with directions to cause it to be published under the act of July 1, 1864. This decision was taken on appeal to the honorable Secretary of the Interior, and by him affirmed. The case corresponds in all essential particulars with the present.

In regard to the acquiescence by Mr. Frank in the proceedings before the district court, stated in your letter before mentioned to his agent as a ground of your decision, Mr. Frank has appended his affidavit to said letter, in which he denies that he in any manner acquiesced in the action of the court, and states that he was at the time ignorant of the same and did not take part therein by counsel or otherwise.

The orders of the court do not show what persons appeared as parties in the case, and the affidavit of the applicant may be taken as evidence of the truth of his statement. But it is quite immaterial whether he took part in the proceedings or not. It is a recognized elementary principle that courts must have authority of law over the subject matter as to which they assume to adjudicate; that "neither the acquiescence of parties nor their solicitation can authorize any court to determine any matter over which the law has not authorized it to act." (Freeman on Judgments, sec. 120, and cases cited.) More especially is this so when, as in this case, the claimed jurisdiction results from special statutory enactment. (*United States vs. Sepulveda, supra.*)

It is true, ordinarily, as claimed by the counsel opposing this application, "that the court is the judge of its own jurisdiction, and that its jurisdiction must be presumed until the contrary is shown by the record." But this is more particularly applicable to subjects of general jurisdiction. In this case, as we have seen, the jurisdiction is special—"a new jurisdiction," in the language of the Supreme Court in the *Sepulveda* case; it appears by the record that it was claimed and exercised under and by virtue of the act of June 14, 1860, and the act shows on its face that it conferred no jurisdiction of the case.

It remains to consider the objection that the act of July 1, 1864, was repealed by the Revised Statutes approved June 22, 1874.

The repealing clause of the Revised Statutes (section 5596) is as follows:

"All acts of Congress passed prior to said first day of December, one thousand eight hundred and seventy-three, any portion of which is embraced in any section of said revision, are hereby repealed, and the section applicable thereto shall be in force in lieu thereof; all parts of such acts not contained in such revision having been repealed or superseded by subsequent acts, or not being general and permanent in their nature: *Provided*, That the incorporation into said revision of any general and permanent provision taken from an appropriation act, or from an act containing other provisions of a private, local or temporary character, shall not repeal or in any way affect any appropriation, or any provision of a private local or temporary character contained in any of said acts, but the same shall remain in force; and all acts of Congress passed prior to said last-named day, no part of which are embraced in said revision, shall not be affected or changed by its enactment."

The several sections of the Revised Statutes cited by counsel to show that the act of July 1, 1864, is repealed by the revision, are:

Section 2223, the third clause of which relating to the general duties of surveyor general provides that: "He [the surveyor general] shall cause to be surveyed all private land claims within his district after they have been confirmed by authority of Congress, so far as may be necessary to complete the survey of the public lands."

Section 2400, which contains a provision relating to the payment, by the claimant for surveys of private land claims; and—

Section 2447, which provides for the issuing of patents by this office in cases of land claims, before then confirmed by law, in which no provision for issuing patents is made in the confirmatory statute.

By reference to section 2223 it will be seen that it relates exclusively to surveys of claims confirmed by Congress, and embraces no portion nor provision of the law of July 1, 1864, which has relation only to surveys of claims confirmed by the board of land commissioners or the United States courts. It therefore has no pertinence to the question under consideration.

Section 2400 is an adoption, in the same terms, of the third section of the act of May 30, 1862 (12 Statutes, p. 409). That section was repealed by the act of March 3, 1875 (18 Statutes, p. 384), which also (as held by the honorable Secretary of the Interior, in a communication addressed to this office of date April 2, 1879, on the subject of the payments for surveys of private land claims) repealed said section 2400 of the Revised Statutes.

Section 2447, it will be seen by reference, like section 2223, relates only to the patenting of claims confirmed by statute, and has no application to the class of claims embraced in the act of 1864.



The marginal references appended to the sections cited by counsel, by the commissioner of revision, in both editions of the Revised Statutes, show that they were not intended to apply to the act of 1864.

But if they were intended to and did repeal the provisions of the act of 1864, relating to the subjects embraced in them (to wit, surveys of private land claims, payment for such surveys, and the patenting of such claims), the remaining provisions of said act would not be affected by such repeal. All the provisions of the act of 1864, prominent among which is that directing and regulating the publication of surveys, relate exclusively to private land claims in California. That provision is therefore "local" in its character, within the meaning of the proviso to section 5596, and is by the terms thereof excepted from the operation of the repealing clause. In any view the provision of the act of 1864, requiring the publication of surveys of the class to which the survey in this case belongs, is not repealed, but of full force and effect.

The survey executed by Deputy Surveyor Tracy, in October, 1858, and approved by Surveyor General Mandeville January 4, 1860 (the proceedings in regard to it, subsequent to approval, having been, as herein shown, unauthorized and void), is the official survey of the part of the Rancho Napa confirmed to Otto H. Frank. By the terms of the second section of the act of July 1, 1864, it is made subject to the first section of that act, which prescribes the mode and time for the publication of surveys made under the act of March 3, 1851, and the proceedings which may be had upon such publication, and requires to be published as therein directed. Without such publication, title under the confirmation of the grant cannot be perfected.

Your decision aforesaid is therefore overruled, and you are hereby instructed to proceed forthwith to publish notice of said survey in accordance with said first section of the act of July 1, 1864, and upon the expiration of the time therein prescribed, and the termination of such proceedings, authorized by said section, if any, as may be had under said publication, to transmit to this office a copy of said survey and plat with the certificate of said publication and the record of the proceedings had before you, as required by said act.

Respectfully,

J. A. WILLIAMSON,  
*Commissioner.*

THEODORE WAGNER, Esq.,  
*United States Surveyor General, San Francisco, Cal.*

*Foregoing decision affirmed on appeal.*

DEPARTMENT OF THE INTERIOR,  
*Washington, September 20, 1879.*

SIR: I have considered the appeal from your decision of April 21, 1879, in the matter of the application of L. Aldrich, esq., in behalf of Otto H. Frank, conferee of part of the Rancho Napa, State of California, for an order to publish the notice of the survey thereof in accordance with the provisions of the act of July 1, 1864, in which you instructed the surveyor general of said State "to proceed forthwith to publish notice of said survey in accordance with the said first section of the act of July 1, 1864, and upon the expiration of the time therein prescribed, and the termination of such proceedings, authorized by said section, if any, as may be had under said publication, to transmit to this office a copy of said survey and plat with the certificate of said publication and the record of the proceedings had before you, as required by said act."

Your decision is affirmed for the reasons therein stated, and you will cause the same to be executed in accordance with your directions.

The papers transmitted with your letter of August 6, 1879, are herewith returned.

Very respectfully,

A. BELL,  
*Acting Secretary.*

Hon. J. M. ARMSTRONG,  
*Acting Commissioner of the General Land Office.*

#### SAN CRISTOBAL GRANT, NEW MEXICO.

Grant, by boundaries, to A. B. and thirty others, with forfeitable conditions. Juridical possession to grantees in severalty for a part, the remainder in common. A. B.'s interest transferred to C. D. Confirmation by act of Congress to C. D. "and the remaining original grantees who had not forfeited their rights." Status of forfeited shares. Grant confirmed as a whole. This office can only settle its boundaries. Rights of claimants to be adjusted between themselves, or by proper judicial proceedings.

DEPARTMENT OF THE INTERIOR,  
GENERAL LAND OFFICE,  
*Washington, D. C., July 14, 1879.*

SIR: Upon application of Messrs. Curtis, Earle and Burdett, as attorneys for Ethan W. Eaton for a resurvey of the Fernandez grant (Rancho Pueblo of San Cristobal),



in New Mexico, I have examined the record in the case, including your report bearing date April 26, 1878, of the investigation had before you under instructions from this office of November 11, 1873, in the matter of the survey of said grant.

The record shows, in brief, that the land in question was granted by the Mexican authorities to Domingo Fernandez and others; that upon the petition of E. W. Eaton, claiming to hold and represent the title of Fernandez, to Surveyor General Pelham, the grant was recommended by him for confirmation "to E. W. Eaton, as the assignee and legal representative of Domingo Fernandez, and to the remaining original grantees who had not forfeited their right to the land by a non-compliance with the conditions of the grant"; that the grant was confirmed by the act of Congress of June 21, 1860 (12 Statutes, p. 71), "as recommended for confirmation by the surveyor general"; that a survey of the confirmed grant was made by Messrs. Pelham and Clements, United States deputy surveyors, in 1860, and approved by Surveyor General Wilbar January 12, 1861, and returned by him to this office January 20, 1861; that the confirmer, Eaton, objected to said survey on the ground that the deputy surveyors, in executing the same, made a mistake in locating the boundaries, and in the configuration of the grant, and thereupon he applied for a resurvey, which application is now renewed.

The record also shows that upon the aforesaid former application, this office being of opinion that there was no authority of law to authorize the order asked for, denied the same under date of July 16, 1873; that the honorable Secretary of the Interior overruled this decision on appeal, expressing the opinion "that the applicants are entitled to a resurvey, provided you" (the Commissioner) "cannot approve of the survey made in 1860."

In pursuance of the opinion of the honorable Secretary, the case was examined in this office, with reference to the correctness of the survey, according to the terms of the grant and the confirmatory statute; and as the result of such examination Commissioner Drummond rendered a decision accompanied by instructions addressed to your office, under date of November 11, 1873, of which the following are among the concluding portions:

"I am therefore of the opinion, and so decide, that the only title or interest which the record shows Fernandez had in this tract, and under the confirmation, which Eaton can now have as his assignee or legal representative, was bounded as follows: 'from the mesita of the Lagunita upward as far as the spring of La Vaca under the boundaries of the grant,' which said boundaries are given as on the north the summit of the 'creston,' on the east the 'spring of La Baca,' and on the west 'opposite the middle creston.'

"The description contained in the papers in this case is not sufficient to enable this office to define with accuracy the location of all the natural objects as above given; and you are therefore hereby directed to give notice to all the parties in interest that they will be allowed sixty days from such notice within which to appear before you and submit testimony as to the location of the 'Cañon de la Cueva,' the 'crestons' on the west, the 'mesita of the Lagunitas,' and the 'spring of La Vaca,' and also as to the shape of the tract as thus bounded, which was allotted, as aforesaid, to Domingo Fernandez.

"The testimony thus filed will be transmitted by you to this office, and thereafter you will be directed to make a survey of the said tract, after notice to the parties in interest, and an opportunity given for appeal to the honorable Secretary of the Interior."

This decision was taken on appeal to the honorable Secretary of the Interior, and affirmed by him under date of March 27, 1875. The following are extracts from the honorable Secretary's decision:

"The question raised by the appeal is one of law, relating to the construction of the confirmatory statute and the right of the claimant under it."

After reciting the confirmatory act, and the report or award of the surveyor general, the decision proceeds:

"The language of this award by the surveyor general is unambiguous. It confirms the grant to E. W. Eaton *as the assignee and legal representative of Fernandez, and to the remaining original grantees who had not forfeited their rights.*

("It seems that Eaton by assignment is entitled to a portion of this grant; you have so held, and, I think, properly. I am also of opinion that the confirmation extends to any of the original grantees who have not forfeited their rights to the grant. It does not appear that any such grantees are claiming any portion of the original grant, nor is there satisfactory evidence as to whether they have or have not forfeited their rights. I am not disposed, however, to so construe the act of confirmation as to give to Eaton the entire grant, or any portion of it, unless he shows himself entitled to it by assignment.)

"If hereafter any of the original grantees shall make claim to a portion of this grant, and show that they have not forfeited their right to it, the question will be presented in regard to their interest in it under the act of confirmation.

"With this explanation, I simply affirm your decision." \* \* \*



The investigation had before you under the foregoing decision of this office, as explained and affirmed by the honorable Secretary of the Interior, as shown by your report aforesaid, was directed "to the ascertainment of the true location of the general calls of the whole grant and to the question of occupation by the co-grantees of Fernandez"; and as the case is now presented, as the result of said investigation under the honorable Secretary's decision, those were the pertinent and only necessary points of inquiry.

Upon said investigation there were examined as witnesses Juan Chaves, Luis Griego, and Ramon Sena y Rivera, who testified to long acquaintance with the tract constituting the grant of San Cristobal, Chaves having been one of the original grantees, and Sena y Rivera, the nephew, and brought up by Jesus Rivera, who was also one of the original grantees.

Chaves testified particularly as to the boundaries of the whole grant, describing them as "on the east the cow spring" (spring of La Vaca), "on the west the front of the middle creston; on the south the Bajada de los Comanches, and on the north the crestons"; that he thought the shape of the tract was "square, or nearly so, or may be longer from north to south," and deposed to the general correctness of a rough diagram marked "Exhibit 50," which shows the tract to be an oblong in shape, with a length from north to south considerably greater than its breadth. He testified as to the northern boundary, the crestons; that "there are three of them, two of which are included in the boundary, and one remains outside, west. They are a ridge with rock on top." That as to the western boundary, he understood the description "opposite the middle creston" to mean "all that is embraced by the middle creston; that is to say, all the land that is in front of it. The western extremity of the middle creston is what I have always known as that boundary."

Griego testified as to Fernandez's ownership and occupancy; that "that part from the cañon upward to the Ojo de la Baca (cow spring), belonged to him; that he (Fernandez) occupied it and had men employed thereon." He also testified to the continued occupancy by the other grantees on the west of Fernandez, and to the correctness of the diagram "Exhibit 50."

Sena y Rivera testified that he knew most of the original grantees, and named eighteen of them, including Fernandez, with whom he was acquainted. "That about the year 1829, on the application of Domingo Fernandez, Governor Chaves directed the alcalde to go and notify the grantees to occupy the lands, or cultivate them, or they would be deprived of them; that he" (the witness) "was at the time in the house of Jesus Rivera, one of the grantees, when he was so notified by the alcalde"; that all the grantees whom he knew "obeyed the order and went to occupy the property. They each erected a house and commenced to cultivate the land and open the springs. They continued from time to time for about ten years to occupy and cultivate the land. There was no complaint after that for their not having occupied the land. Some of these persons occupied the land in person, and some by their employes and with their stock." He further testified that in 1841 the grantees were driven off by the Navajo Indians, and that they "never abandoned their lands there except when they were driven off by the Navajo Indians"; that he knew "personally that the governor was satisfied with the manner in which the grantees obeyed his order to occupy the land."

The decision of the honorable Secretary of the Interior, affirming that of this office, recognizes the fact that there may be parties entitled to claim portions of the land confirmed as original co-grantees of Fernandez (and, of course, that assignees or legal successors in interest of said co-grantees stand in the same relation to the grant), and, in effect, that Eaton can only hold such portion of the grant as passed under the conveyance from Fernandez.

The testimony aforesaid of Sena and Griego shows that the interests of the co-grantees of Fernandez in the land were not terminated upon his complaint as claimed by Eaton, but that they complied with the order requiring them to proceed to cultivate, &c., and continued to occupy for years afterwards. And even if they had been ousted of the ownership it is not clear that their forfeiture could have resulted in transferring the title to Fernandez, though he evidently had that in contemplation by the form of his request, that if they were not disposed to perform the conditions of the grant in their favor they should "*resign in favor of those who remained*," or others whom he knows to be industrious. The alternative of the order, however, was, if they failed to comply, that they should be immediately excluded and industrious individuals substituted in their place, "*who may require lands for cultivation*." It is evident that this condition would have excluded Fernandez from the succession, even if the contingency of failure had occurred.

The conveyance from Fernandez, under which Eaton claims as assignee, describes the property conveyed, as follows: "Commencing at the Lagunita, in a direct line to the spring of La Vaca, and from thence to the south and west to the Bajada de los Comanches, and then from the Lagunita to a stone rock known as the creston on the north, and from said rock to the spring of La Baca, including said spring of La Baca,



drawing a direct line to the Bajada de las Comanches, to where it intersects a line from north to south on a line with the Lagunita." This description is not intelligible; but in one particular it clearly shows that the entire grant was not conveyed by Fernandez to Eaton and Reynolds, and consequently that Eaton did not become, as claimed by him, the absolute owner of the whole property, even if the rights of his co-grantees under the grant did not conflict with that claim. It will be observed that the description makes the Lagunita a prominent point in the boundaries mentioned. It is shown by the Pelham and Clements survey that the Lagunita is situated south and east from the creston, which is made the northwest corner of that survey, at about one-fifth the whole length of the surveyed tract from the north line. The act of juridical possession shows that in setting off the individual shares, after giving possession to Fernandez "from the mesita of the Lagunita upwards as far as the spring of La Vaca, under the boundaries of the grant," the justice proceeded to make the twenty-four allotments, of one hundred varas each, measuring from the aforesaid mesita (which by said survey is shown to be contiguous and on a line north from the Lagunita) from east to west. The Lagunita, which was made a point in the west boundary of the land conveyed to Eaton and Reynolds, must therefore have been, at least these twenty-four hundred varas (about a mile and a quarter), within the west line of the grant. Whether the description employed in said conveyance included, besides the portion allotted to Fernandez individually, more or less of the unallotted or common lands, it certainly did not include the parcels specifically set off to his co-grantees.

Under the decision of this office aforesaid, as affirmed by the honorable Secretary of the Interior, holding that the confirmation to Eaton extended only to the interest acquired by him as the assignee of Fernandez, it is apparent from the record that he cannot make valid claim to the whole grant. It also appears from the records and the proofs referred to, that there may be parties entitled to claim portions of the grant as the co-grantees of Fernandez, or holding under them, who, if they should hereafter make claim and show that they had not forfeited their interests, would have legal right to recognition under the grant, the juridical possession, and the act of confirmation, as co-owners of the land confirmed. Also that there may be, and probably are, shares and interests in the land that were forfeited by reason of non-fulfillment by their grantees of the conditions of the grant, and did not become merged in the interests of the other grantees, but remained separate and distinct shares, with the right of common attached in abeyance, subject to any legal disposition that may be found applicable. This office, however, has not the information necessary to enable it to do so, and it is not within its province to settle and designate the specific rights of the several parties and determine the status of the probably abandoned shares within the grant.

The confirmation was of the grant as a whole, but operative to Eaton only, "*as the assignee and legal representative of Domingo Fernandez*" and "*to the remaining original grantees who had not forfeited their right to the land by a non-compliance with the conditions of the grant*"; and it only remains for this office to see that the boundaries of the land confirmed are correctly located and designated, and to issue a patent in conformity with the act of confirmation, leaving it to the interested parties to identify and adjust their respective claims within the grant by mutual agreement or by partition or other appropriate proceedings in the proper judicial tribunals.

In his original petition Domingo Fernandez described the boundaries of the land solicited as follows: "On the east, where the cañon in the direction of the Vaca spring commences to disappear; on the west the puertesito which designates the boundary of Galisteo; on the north, the descent of the Pueblito; on the south, the ascent called Los Comanches."

In his petition on behalf of himself and thirty citizens who accompanied him, upon which the grant was finally made, he referred for the boundaries of the land asked for to the former petition, without repeating the description.

The grant was for the land solicited, and the act of juridical possession which followed and defined the boundaries, designating them as follows: "On the east, the spring of La Baca; on the west, opposite the middle creston; on the south, the Bajada de las Comanches; on the north, the summit of the creston; which are the boundaries inclosing said grant; the said Fernandez receiving from the Cañon de la Cueva to the spring of La Vaca, the balance of the plain and the Cañon de la Cueva being divided out for cultivation, the pasture lands remaining free in other directions up to the aforesaid boundaries."

In his petition to the surveyor general for confirmation of the grant, Eaton claimed by the exterior boundaries set forth in the act of juridical possession, naming them specifically; and upon this petition the claim was confirmed, as before mentioned, but without specification of boundaries. The grant was by boundaries without mention of quantity. The confirmation is therefore by the boundaries set forth in the title documents and petition of the claimant praying therefor.

The survey made by Messrs. Pelham and Clements, before referred to, locates the northeast corner of the tract at the "Ojo de la Vaca," the northwest corner at a point marked "El Creston," and the southeast corner at the "Bajada de las Comanches,"



and runs the east line from the latter point to the "Ojo de la Vaca" by a course north three degrees east; the north line from thence to "El Creston" by two courses, westerly and northwesterly; and the west line from thence by two courses southeasterly, first to the "Lagunita," and thence to the "Bajada de las Comanches," forming an irregular triangle, its base to the north and its sharp apex to the south.

From the whole testimony in the case it is clear that the Pelham and Clements survey is erroneous, not conforming to either the boundaries or configuration of the grant. An authenticated sworn statement of José Maria Martinez, the alcalde who gave the juridical possession, made in 1861, certifies the boundaries as being: "On the east, the Ojo de la Baca; on the west, the front of the middle creston; on the south, the Ceja de las Comanches, the whole line being the Ceja till it passes the front of the middle creston; on the north, the summit of the creston; and that the east and west lines are straight lines to the north and south till they front or intersect said Ceja de las Comanches on the south and said creston on the north."

It is shown that the "Ceja de los Comanches" is the edge of a mesa, extending in a line nearly east and west, and of greater extent than the width of the grant, and that the "Bajada de las Comanches" is a place of passage or road from said mesa down the bluff, forming the face thereof; that the crestons are portions of a rocky ridge extending east and west, the ridge being divided by passes into three parts, the two easternmost of which, with a line extended easterly, to intersect the east line, constitute the northern boundary.

The boundaries petitioned for by Fernandez, as before mentioned, were "on the east, where the cañon in the direction of the Vaca spring commences to disappear." The proof shows that the cañon referred to commences to disappear at the spring; hence the spring was made the eastern boundary by the juridical possession. The western boundary named in said petition was "the Puertesito, which designates the boundary of Galisteo." It is shown in the testimony taken before Surveyor General Spencer, that through the pass at the western extremity of the middle creston (the Puertesito—little gate or door) runs the Galisteo creek, or river, the course of which from said pass is south for considerable distance, when it changes to west; and that the lands of Galisteo lie upon both sides of that portion of the stream below, and adjoining the point where its course changes to the west, extending east to the right bank of the creek, where it runs south, which appears to be their eastern boundary. The designation of the western boundary, therefore, in the act of juridical possession, as, "on the west, opposite the middle creston," means the land in front of or opposite the middle creston, and extending west to the Puertesito named. The northern boundary in the petition is "the descent of the Pueblito." The Pueblito (or Pueblito—little town) alluded to is shown to be situated at the foot of the creston; the commencement of "the descent of the Pueblito" would therefore commence at the top or "summit of the creston," which the juridical possession makes the northern boundary. The southern boundary named in the petition is "the ascent called Las Comanches." This ascent is proved to be the bluff of a high mesa of that name; and the "Bajada de las Comanches," which is made the southern boundary by the act of juridical possession, is a road up and down the bluff or face of said mesa. The several boundaries, therefore, as defined in the petition of Fernandez and adopted in the grant, are substantially those set forth in the act of juridical possession, and show the tract granted and confirmed to be in shape a parallelogram, as stated by the testimony before referred to.

I concur with you in the opinion that the survey under consideration executed by Pelham and Clements is incorrect. I am also of opinion and decide that the boundaries of the confirmed tract are those above indicated, to wit, on the east a line north and south through the Vaca spring, and intersecting the north and south lines; on the north a line along the summit of the crestons, intersecting the east line above described and terminating on the west at the western extremity of the middle creston; on the west a line south from the western extremity of the middle creston, the western termination of the northern boundary line to the bluff, or face of the mesa, in which bluff or face of mesa is the Bajada de las Comanches; and on the south a line from thence easterly along said face of mesa, by said Bajada de las Comanches, until it intersects the east boundary line above described.

You will give notice of this decision to all parties in interest, allowing sixty days from service of such notice for appeal to the honorable Secretary of the Interior. If no appeal is taken at the expiration of the time allowed, you will report the fact to this office, and at once proceed to have a new survey made as herein directed. Should, however, an appeal be taken, notice of same must be filed in this office, and like notice served upon the appellee or his counsel, as required by the new Rules of Practice (copy herewith).

Respectfully,

J. A. WILLIAMSON,  
Commissioner.

HENRY M. ATKINSON, Esq.,  
United States Surveyor General, Santa Fé, N. Mex.



## CASE OF JOHN DEJAN, LOUISIANA.

*Application for scrip, under act of June 2, 1858, in satisfaction of a confirmed and located claim; the land having been disposed of by the United States. Instructions asked for from the department.*

DEPARTMENT OF THE INTERIOR,  
GENERAL LAND OFFICE,  
Washington, D. C., June 28, 1879.

SIR: I have the honor to submit for your consideration the claim of John Dejan, entered as No. 252, third class, in the report of the register of the eastern district of Louisiana, dated January 6, 1821 (American State Papers, Green's ed., vol. 3, p. 522), and described as follows, viz:

"John Dejan claims a tract of land situated in the county of Lafourche, on both sides the Bayou Terrebonne, containing 944 superficial arpens, adjoining the lands of the widow of Joseph Crusse. The claimant proves possession and cultivation of this land ten years prior to 20th December, 1803."

This claim was confirmed by the act of Congress approved February 28, 1823 (3 Statutes, p. 727), and the surveyor general of Louisiana, on January 31, 1879, transmitted to this office for authentication, in satisfaction of the same, three certificates of location issued under the act of June 2, 1858, Nos. 430 A, B, and C; the two first for 320 acres each, and the last for 163.06 acres, aggregating 803.06 American acres, equal to 944 arpens of lands.

Nothing on file or of record relative to the claim is found in this office in addition to the information furnished by the surveyor general, who reports that the claim has *never been located*. He transmits, however (marked "E"), an original plat of survey and field notes in the case, by James L. Carothers, a deputy surveyor, dated January 1, 1827, examined and approved by James Allison, principal deputy surveyor.

The surveyor general also furnishes a diagram prepared in his office of portions of townships 19 and 20, south of ranges 18 and 19 east, showing approximately the original locus of Dejan's claim upon said bayou Terrebonne, and the legal subdivisions surveyed as public lands which it would interfere with "if now located by lawful survey."

The parts of sections with which the claim as shown in dotted lines conflicts have been selected by the State as "swamp and overflowed lands" under the acts of March 2, 1849, and September 28, 1850; and such selections have generally been *approved*, except in a few instances where the land had been otherwise disposed of by the United States *prior* to the passage of the first-mentioned act.

The government having alienated the land confirmed to Dejan, I should be of the opinion that the claim is entitled to satisfaction with scrip under the provisions of the act of 1858, were it not for the departmental decision dated March 2, 1874, in the case of Rudolpus Ducros in which it was held that the claim was "located and satisfied by the United States survey" thereof, &c.

The Dejan claim was surveyed by Carothers "pursuant to an order from the principal deputy surveyor of the southeastern district of Louisiana," and *subsequent* to the date of the confirmatory act. There is no explanation as to the cause of its non-approval by the "surveyor south of the Tennessee," or the failure to represent the claim on the township plats. I refer, however, to "Laws, Opinions, and Instructions," Vol. 2, No. 29, pp. 35-38; and in view of the "Ducros" decision submit the case for your instructions as to whether the Carothers survey is such a location and satisfaction of John Dejan's claim as will bar the application for scrip in lieu thereof by his legal representatives.

I have retained the certificates 430 A to C on file in this office, and transmit, herewith, the surveyor general's letter of January 31, 1879 (N. 97714), with its enclosures, designated A 1 and A to F, inclusive.

Very respectfully,

J. A. WILLIAMSON,  
Commissioner.

Hon. C. SCHURZ,  
Secretary of the Interior.

*Instructions of department.*

Act of June 2, 1858 only authorizes scrip where claims have *not been located and satisfied*. Claim in this case was satisfied by survey and location in place; scrip therefore cannot issue

DEPARTMENT OF THE INTERIOR,  
Washington, July 7, 1879.

SIR: I have received your letter of the 28th ultimo, requesting instructions relative to the approval of certain certificates of location in satisfaction of the confirmed pri-



vate land claim of John Dejan for 803.06 American acres, the equivalent of 944 French arpens of land.

The facts relative to this case are as follows: The claim of John Dejan was contained in class 3 of the report of the register for the eastern district of Louisiana, dated January 6, 1821, and was described as follows: "No. 252. John Dejan claims a tract of land situated in the county of Lafourche, on both sides of the bayou Terrebonne, containing nine hundred and forty-four superficial arpens, adjoining the lands of the widow of Joseph Crusse. The claimant proves possession and cultivation of this land ten years prior to 20th December, 1803." (Gales & Seaton's edition, American State Papers, vol. 3, p. 597.)

This claim was confirmed by act of Congress approved February 28 1823 (3 Statutes, p. 727).

An official survey of this claim was executed by Deputy Surveyor James L. Caruthers, pursuant to an order from the principal deputy surveyor of the southeastern district of Louisiana, and in conformity with the request of the claimant John Dejan, on January 1, 1827, and this survey was duly approved by James Allison, principal deputy surveyor.

Subsequently, the official surveys were extended over the townships in which this segregated claim was located in total disregard of the rights of the claimant, and the lands embraced in Dejan's claim as finally surveyed by Deputy Surveyor Caruthers were represented as public lands of the United States, and the greater part thereof has been disposed of by the United States under laws passed since said confirmation and survey of said private claim.

The claim of Dejan was sold to John L. McManus, jr., at a succession sale, on July 6, 1878, by the clerk of the parish court of East Carroll Parish, Louisiana, pursuant to a *proces verbal* duly issued in that behalf.

On January 31, 1879, the surveyor general of Louisiana issued three certificates of location under section 3 of the act of Congress approved June 2, 1858, in satisfaction of said claim, and transmitted them to your office for approval.

You state that inasmuch as the land confirmed to Dejan has been alienated by the United States, you would be of opinion that scrip should be issued in satisfaction thereof, were it not for the decision of my predecessor, Hon. C. Delano, dated March 2, 1874, in the matter of the claim of Rudolphus Ducros, wherein it was held that scrip could not be issued in satisfaction of a claim which had once been located and satisfied *in place*, and you therefore request instructions whether the Caruthers survey was such a location and satisfaction of Dejan's claim as will bar the issuance of scrip to his legal representative.

In reply, I have to inform you that the office of principal deputy surveyor was created by section 11 of an act of Congress approved March 3, 1819 (3 Statutes, p. 532), and he was fully authorized to execute, or cause to be executed by his deputies, all surveys of confirmed private land claims within his district.

Mr. Allison appears to have been appointed under this act, and as the same was in full force in the Territory where this land is located at the date of the Caruthers survey, it follows that the survey was legally made.

The act of June 2, 1858 (11 Statutes, p. 295), only authorizes the issuance of scrip in cases where private claims have *not been located and satisfied*, either for want of a specific location prior to confirmation, or for any reason whatsoever, other than a discovery of fraud subsequent to confirmation. And as this claim has once been legally surveyed and satisfied *in place*, I am of opinion that scrip cannot be issued in satisfaction of it under the act of June 2, 1858.

The papers transmitted with your letter of the 28th ultimo are herewith returned.

Very respectfully,

C. SCHURZ,  
Secretary.

The COMMISSIONER OF THE GENERAL LAND OFFICE.

### *Decision of department on appeal.*

*Foregoing opinion affirmed.*—Status of claim and remedy of claimant considered.  
Right of party to be heard on application to department for instructions.

DEPARTMENT OF THE INTERIOR,  
Washington, December 8, 1879.

SIR: I have considered the appeal of John L. McManus, jr., by his attorney, James L. Bradford, esq., from your decision of July 11, 1879, directing the surveyor general of Louisiana to cancel certificates of location Nos. 430, A, B, and C, issued by that officer in supposed conformity with the act of June 2, 1858, in favor of said McManus, the legal representative of John Dejan, for 803.06 acres of land, in satisfaction of the private claim of said Dejan, confirmed to him by the act of February 28, 1823.



Your decision was in accordance with the views expressed in my letter to you of July 7, 1879, in this case.

The facts now presented to me do not differ from those presented when the case was first here.

The claim of Dejan was duly confirmed, and, on January 1, 1827, surveyed, which survey was subsequently approved. It is conceded by the applicant that by this survey the title of Dejan to the tracts surveyed became perfect.

If the title to his land was made perfect by said survey, then the claim which he had asserted became merged, and like all other persons he was bound to protect the property, the sole title to which vested in himself.

It appears that by some oversight or neglect of the principal deputy surveyor the plat of survey was not filed or recorded in his office so as to be entered upon the plat of the township in which the tract in question was situated when the same was surveyed and platted, and on this account the lands were returned as public lands and sold by the United States.

It is provided in the act of June 2, 1858, under which this claim is presented, that "when any private land claim has been confirmed by Congress, and the same, in whole or in part, has not been allowed or satisfied, either for want of a specific location prior to such confirmation or for any reason whatsoever other than a discovery of fraud in such claim subsequent to such confirmation, it shall be the duty of the surveyor general of the district in which such claim was situated, upon satisfactory proof that such claim has been so confirmed, and that the same in whole or in part remains unsatisfied, to issue to the claimant or his legal representatives a certificate of location for a quantity of land equal to that so confirmed and unsatisfied."

The first inquiry arising under this section of the act, after it is shown that a claim has been confirmed, is, Has the claim been located or satisfied?

If this question be answered in the negative, then the question as to the right of the claimant to scrip or certificates of location is a proper one for consideration.

In this case the claim was both located and satisfied. The government could do no more than to give to the claimant a perfect title. Having given a perfect title, any subsequent disposition of the land was without authority of law and void. The act under which the claim is presented does not authorize the issuance of certificates of location for lands sold by the United States, embraced within a private claim located and surveyed. While it is true that a subsequent sale by the United States of the lands embraced within this claim was unauthorized, it is also true that the claimant neglected to assert his claim and to make known to the officers charged with the sale of lands in that district its location and extent. Had this been done there is no ground for believing that any sale of the same would have been made.

If the proceeds arising from the sale of these lands are retained by the United States, either the legal representatives of Dejan or the purchaser of the land, if he is ousted therefrom, will have a valid claim against the government. Before such claim, however, can be satisfied, especially to the representatives of Dejan, there must be some law authorizing the payment to them of the moneys received from the sale of this land, or such other compensation therefor as may be prescribed by law.

The applicant asks, if certificates of location be denied, that a survey, plat, and patent of the claim to Dejan be granted. From the papers presented it appears that the entire claim has been patented by the United States. If this be so, then all authority over the same by the executive department has been exhausted, at least until such patent can be set aside by the proper tribunal. (*Moore vs. Robbins*, 6 Otto, 530.)

The appellant complains, and, as I think, properly, of the action of your office in submitting this case in June last for the opinion of this department without notifying him or giving him any opportunity to be heard.

While it is frequently necessary for your office to have the opinion of this department in relation to the disposition of certain questions arising therein, still if the submission of these questions is based upon a claim of any particular person, and that claim is made the basis of the questions submitted, that claimant should have notice of such submission, and an opportunity to be heard in support of his claim. If the questions submitted by you are for general instructions, no notice of such submission need be given. Hereafter you will be governed by the rule herein announced.

For the reasons above stated, I still adhere to the views expressed in my letter of July 7 last, and herewith return the papers transmitted with your letter of October 1, 1879.

Very respectfully,

C. SCHURZ,  
Secretary.

The COMMISSIONER OF THE GENERAL LAND OFFICE.



## CERTIFICATES OF LOCATION OR SCRIP UNDER ACT OF JUNE 2, 1858.

*Effect of succession sales in tracing title to scrip. Case submitted for consideration of department.*

DEPARTMENT OF THE INTERIOR,  
GENERAL LAND OFFICE,  
Washington, D. C., January 28, 1880.

SIR: By the third section of the act of June 2, 1858 (11 Statutes, p. 294), it is provided that in all cases of confirmation by said act, or where any private land claim has been confirmed by Congress, and the same in whole or in part has not been satisfied, it shall be the duty of the surveyor general, upon satisfactory proof of confirmation, and that the claim remains unsatisfied, to issue to the claimant or his legal representatives a certificate of location for the quantity of land so confirmed and unsatisfied; which certificate may be located upon the public lands, &c.

The fourth section of the same act provides that upon the location of such certificate the register of the proper land office shall issue to the person entitled thereto a certificate of entry, upon which this office, if satisfied that the certificate has been fairly obtained, shall issue a patent as in other cases.

Previous to the decision of Secretary Chandler of January 15, 1877, in the case of the representatives of Francis Lacombe, the practice had been, under instructions given by Secretary Thompson August 1, 1859 (the certificates being regarded as not assignable), to require that said certificate and scrip should be issued in the name of the original confirmee or his legal representatives, and that the certificate of entry and patent should follow the same form.

By the decision of Secretary Chandler aforesaid, it was held, in accordance with the opinion of the Supreme Court in *Hogan vs. Page* (2 Wall., 605), that the formula "legal representatives" embraced representatives by contract, as well as by operation of law; and that assignees or grantees came within the provision of the statute, and were therefore entitled to control and receive the benefits of said certificates in their own names.

By the fourth section of the act of January 28, 1879, assignees of the above-mentioned indemnity certificates of location are vested with all the rights of original owners, including the right to locate the same and receive patents in their own names, and such certificates are given the same character as the Supreme Court scrip referred to in said last-mentioned act, being thereby made receivable in payment and commutation of pre-emption and homestead claims.

It is found in the practice of this office that many confirmed unsatisfied claims in Louisiana, which come within the foregoing provisions, have been transferred by succession sales made under authority of the parish courts (being courts of probate) as belonging to the assets of the deceased confirmee.

Several applications have been made for the approval of assignments of scrip already authenticated by this office under said act of June 2, 1858, the initial points of title in which, as presented, are succession sales under the authority of the probate courts aforesaid.

The question as to the force and effect of the probate proceedings, as affecting or determining the title to the claim purporting to have been transferred thereby, becoming therefore important, with the view to obtain local opinion and authority to aid in its solution, this office, on the 26th of June last, addressed a communication to the late W. R. Irwin, then principal clerk on private land claims (who was in New Orleans on business connected with the office), instructing him to investigate the subject, taking counsel, if necessary, with the United States attorney for the district, and report in answer to certain inquiries submitted.

The reply of Mr. Irwin, with communications on the subject addressed to him by J. W. Gurley, esq., assistant United States district attorney, and D. J. Wedge, esq., respectively (in the latter of which the inquiries contained in the letter aforesaid of this office appear), is herewith inclosed; also a letter of Curtis, Earle, and Burdett, esqs., to this office, inclosing probate proceedings in two succession cases, in the parish court of La Fayette Parish, Louisiana, showing sales under authority of the court of two confirmed unsatisfied claims of the character herein treated of, in which cases they have applied for approval of the assignments of the certificates issued to the purchaser under said sales; also, a brief by Drummond and Bradford, esqs. (who in behalf of clients are interested in the question under consideration), on the "dignity of probate sales," in which numerous authorities are cited.

A case has occurred where a confirmed unsatisfied claim of the decedent was sold by the administrator under succession proceedings in the parish court, and certificates of location issued by the surveyor general in satisfaction thereof, which are now before this office for authentication, and are claimed by the purchasers or their assignees under said succession proceedings, in which it appears from the records of the office



that the confirmee, who was the original claimant, in his lifetime sold and conveyed all his right, title, and interest in the claim.

It will be seen that the assistant United States attorney refers to a similar case, but is nevertheless of opinion that the action of the government in regard to the certificates or scrip in question may be properly and safely based upon the succession sale as the initial point in tracing the title to the scrip.

I have examined the question with care, referring to the authorities cited in the accompanying papers as far as able, and others, and fully concur in this opinion. The forms of proceeding in the probate courts are designed to give notice to all persons in interest, and to protect interested absentees and parties resting under whatever disability. The proceeding is judicial, and the court is presumed to adjudicate all matters necessary to found a complete judgment and determination of the case, the question of title being one of the most important, and until reversed by a superior court of competent jurisdiction the judgment is conclusive upon all persons and all other courts; the purchaser is only bound to look to the jurisdiction of the court, and, where that is competent, the truth of the record concerning all matters entering into and necessary to the judgment cannot be disputed. (*Florentine vs. Barton*, 2 Wall., 210; *Lalanne's Heirs vs. Moran*, 13 L. R. 433.)

The *proces verbal* of sale accompanied by the decree or order of the court by which it was authorized, showing jurisdiction, may therefore, I think, be regarded by the office, in tracing the title, in cases of the scrip herein considered, as fixing an initial point back of which it is not necessary to inquire.

The foregoing statement and the opinion herein expressed are respectfully submitted for your consideration.

Very respectfully, your obedient servant,

J. M. ARMSTRONG,  
*Acting Commissioner.*

Hon. C. SCHURZ,  
*Secretary of the Interior.*

### *Opinion of department on case submitted.*

The action of the government in regard to the scrip in question cannot be properly and safely based upon the succession sale as the initial point in tracing the title.

DEPARTMENT OF THE INTERIOR,  
*Washington, February 28, 1880.*

SIR: I am in receipt of your letter of the 28th ultimo relating to the issuing of scrip under the 3d and 4th sections of the act of June 2, 1858 (11 Statutes p. 294).

You express the opinion that the action of the government in regard to the certificates or scrip in question may be properly and safely based upon the succession sale as the initial point in tracing the title to the scrip.

Under the ruling of this department the purchaser of the confirmed claim becomes the legal representative of the confirmee, and is entitled to the scrip issued in satisfaction of the unlocated claim.

With your letter you transmit certified copies of order of sale and *procès verbal* in the case of Joshua Garrett, in support of the application for scrip filed by the purchaser at succession sale, as the legal representative.

In this case the petition of L. E. Salles, public administrator of the parish of Lafayette, represents that—

“Joshua Garrett departed this life in said parish many years since, leaving some property, consisting of an old deferred private land claim against the United States; \* \* \* that said property should be inventoried, appraised, and sold according to law; and that petitioner is entitled to the administration of the said estate, being less than \$500 in value. Wherefore, he prays that he be ordered to take charge of said estate; that a commission issue to William Brandt, recorder, to make an inventory of said estate; and that the property inventoried be sold according to law to pay debts; and that an attorney be appointed to represent absent heirs of said estate, if any there be, and that a commission issue to G. Landry, sheriff, to sell according to law the property belonging to said estate.

“D. J. WEDGE,  
“Attorney.”

The order of the judge is as follows:

“This petition considered, it is ordered that L. E. Salles, public administrator, after ten days' notice, if there is no opposition thereto, to take charge of said estate and administer the same according to law. That a commission issue to William Brandt, recorder, to make an inventory and appraisal of the property thereof, assisted by experts by him appointed; that W. C. Crow is hereby appointed to represent the



absent heirs of said estate. It is further ordered that after legal delay and advertisement that the property appertaining to said estate be sold for the purpose of paying debts, and settling the same, the property to be sold for cash, provided it brings its appraised value; if not, to be immediately reoffered and sold on twelve months' credit for what it will bring, and that a commission issue to G. Landry, sheriff, to sell said property this 1st day August, 1872.

"A. J. MOSS,  
"Parish Judge."

"Service of petition and citation waived, and I accept the appointment of attorney for absent heirs this 1st day of August, 1872.

"W. C. CROW,  
"Attorney for Absent Heirs."

The *procès verbal* of the succession sale shows that the property to be sold was advertised for ten days in a newspaper published in said parish, and was sold at the court-house door at public sale August 29, 1872, for \$40 in cash, and that D. J. Wedge was the purchaser.

There is nothing in the case showing the date of Joshua Garrett's death; nor whether he left heirs or not; nor what disposition was made of his estate at the time of his death, or whether he left an estate exceeding \$500 in value, which was duly administered, and effects which were duly inventoried according to law at the time of his decease; neither is there anything showing that the succession was renounced by the heirs.

It will also be observed in the matter of the succession sale that there is no evidence of the appointment of appraisers, or that the assets were appraised, or the appraised value thereof, except the statement of the deputy sheriff that \$40 was equal to the appraised value of said property.

You state, in your letter, that "a case has occurred where a confirmed unsatisfied claim of the decedent was sold by the administrator, under succession proceedings in the parish court and certificates of location issued by the surveyor-general in satisfaction thereof, which are now before this office for authentication and are claimed by the purchasers or their assignees under said succession proceedings, in which it appears from the records of the office that the confirmee, who was the original claimant, in his lifetime sold and conveyed all his rights, title, and interest in the claim."

The scrip in question is receivable in payment for public lands, under the homestead and pre-emption laws, and is also locatable upon the public lands of the United States; hence the government should be satisfied as to the right of the applicant to the same before it is issued.

In cases similar to the one cited by you it may become an important question to determine who is the legal representative of the confirmee of the claim.

The laws of the State of Louisiana provide that succession becomes open by death or the presumption of death caused by long absence, and succession is acquired by the legal heir, who is called by law to the inheritance, immediately after the death of the deceased person whom he succeeds.

It is, I think, a reasonable presumption, that in the case of death, succession was acquired by the party entitled thereto, and that the estate was duly administered. If so it should be satisfactorily shown by what authority succession is reopened. If the estate was not administered that fact should be made to appear; also the facts in relation to heirs or the absence of heirs. It will be observed that the petition before recited, upon which the order of sale was based, is silent upon all these points.

Joshua Garrett may have sold his claim in his lifetime, or it may have descended to his heir, or it may have been appraised with his assets many years since and sold, or the estate may have been duly administered, and the claim in question against the United States excluded from the assets by the party authorized by law to administer the estate; if the latter, it should be shown by what authority the estate seeks to revive the claim in question.

The government should not only be satisfied that the proceedings relating to the sale of the assets are in all respects regular, but that the assets were subject to sale, and to this end the applicant should show all the facts relating to the death of the confirmee, the facts relative to heirs, the facts relative to the administration of the estate; and, if formerly administered, by whom and by what authority the succession is reopened; and, if not administered, by what authority succession is opened many years after the death of the confirmee; also that the claim was a legal one at the time of his death, and was so regarded by his representatives. If there are no heirs that fact should be shown.

The petition states that administration is necessary to pay debts. If there were debts which ought to have been paid, and no administration of the estate was had at the time of Garrett's death, then it may have been lawful for a creditor of the estate to file the petition, but if there were no debts nor heirs, I know of no reason why the



government should be called upon to satisfy this large claim, although confirmed to a person who has procured administration of the estate and bid in the claim, paying therefor just enough to pay the expenses of administration.

The title to this claim, if title it can be called, seems to have been obtained in the manner above indicated; and if so, certificates should not issue in satisfaction thereof, for by so doing the fraud on the United States and on the heirs, if any such there be, would be consummated.

Accompanying the certified copies of order of sale and *procès verbal*, there should be a certified copy of the appointment of appraisers; also, a certified copy of their appraisal. When these are received each application should be determined upon its merits, and if you are satisfied that the applicant is the proper representative of the conferee, certificates should issue.

The department does not propose to question the validity of the title to property obtained by means of a succession sale, but it has a right to be satisfied that said property, or claim against the government, was properly subject to sale, and sold upon a proper application.

If, in the case of Garrett, assuming that the original claim was valid, it should be shown that said claim was not subject to sale in August, 1872, would it be assumed that certificates should issue based upon said sale? I think not, for the reason that a succession sale is valid only in so far as it embraces property subject to sale. When that property is a claim against the United States the proper department of the government must determine the question whether the same was subject to the sale upon which the application for scrip is based.

For these reasons I do not think, as at present advised, that the action of the government in regard to the certificates or scrip in question can be properly and safely based upon the succession sale as the initial point in tracing the title to the scrip.

The papers transmitted by you are herewith returned.

Very respectfully,

C. SCHURZ,  
Secretary.

The COMMISSIONER OF THE GENERAL LAND OFFICE.

*Case further submitted to department as to status of scrip already authenticated and in circulation, and action to be taken in reference thereto.*

DEPARTMENT OF THE INTERIOR,  
GENERAL LAND OFFICE,  
Washington, D. C., June 16, 1880.

SIR: The 4th section of the general scrip act of June 2, 1858 (11 Statutes, p. 294), provides that upon the location of such certificates as are authorized by the act, registers of the proper land offices shall issue certificates of entry to the persons entitled thereto, upon which, if it shall appear to the satisfaction of the Commissioner of the General Land Office that the same have been fairly obtained, &c., patents shall issue as in other cases.

Previous to the decision by Secretary Chandler, dated January 15, 1877, in the Missouri case of the representatives of *Francis Lacombe*, the practice in this office had been under instructions given by Secretary Thompson, August 1, 1859 (the certificates being regarded as not assignable), to require that such scrip should be issued in the name of the original conferee or his legal representatives, and that the certificates of entry and *patents* should follow the same form.

Secretary Chandler held, however, that in accordance with the opinion of the Supreme Court in *Hogan vs. Page* (2 Wall., p. 605) the formula "legal representatives" embraced representatives by *contract* as well as by operation of law; that assignees came within the provisions of the statute, and were, therefore, entitled to control and receive the benefits of such scrip in their own names.

By the act of Congress approved January 28, 1879, the assignees of indemnity certificates of location issued under the act of June 2, 1858, are vested with all the rights of original owners, including the right to locate the scrip in their own names; the scrip being also receivable in payment and commutation of pre-emption and homestead entries.

The decision by the department dated February 28 last, in the matter of probate proceedings in Louisiana, being taken as the initial point for tracing title to such scrip (issued in satisfaction of private claims in said State), has had the effect of suspending all action in this office upon such certificates duly authenticated, issued, and assigned, whether located or otherwise.

In most of the scrip cases adjudicated under the act of 1858, the certificates were applied for, prepared and issued under *procès verbaux* of "succession sales"; and I am convinced that the individuals so claiming as assignees (many of whom will be actual settlers) will never be able, or attempt to obtain the facts which (as pointed out in



your decision above referred to) *should* be shown in connection with such probate proceedings in order to properly establish their claims thereto.

The scrip, usually issued in 80-acre pieces, is put upon the market by the parties to whom it is delivered, and is returned to this office located by many individuals, and consequently, in small parcels. Owing to this dissemination of the certificates, it is probable that the expense of establishing the *regularity* of the succession sales upon which they are based, in the manner you indicate, would exceed the value of the separate pieces of scrip held or applied by the respective assignees; and many difficulties in the matter of reopening such cases in the parish courts, by third parties so holding, present themselves to my mind.

There is a considerable quantity of such scrip outstanding; and, also, some 150 pieces in this office, returned by district land officers, a large proportion of which has been located by the assignees of the purchasers at succession sales, while in several cases the scrip has been tendered as *cash* in homestead and pre-emption entries.

I therefore respectfully recommend that in all cases where the scrip was authenticated anterior to your decision of February 28, 1880, and the same has been simply *located*, the patents issue in the name of the original confirmer or his legal representatives (the patent inuring, of course, to the legal owner of the certificate, whoever he may be), provided that the party claiming as the assignee files written assent to issuance of the patent in that manner.

When pre-emption or homestead settlers, innocent purchasers, have used such scrip in payment or commutation of their claims, the matter becomes more complicated, as such settlers are entitled to receive patents in their own names for the lands they have resided upon and improved in accordance with law.

The question of the legality or sufficiency of the *assignments* upon scrip used by settlers as *cash*, must therefore be determined when the cases are to be passed upon with a view to patenting, and I respectfully ask for instructions in the premises.

Very respectfully, your obedient servant,

C. W. HOLCOMB,  
*Acting Commissioner.*

Hon. C. SCHURZ,  
*Secretary of the Interior.*

### *Further opinion of department.*

Decision of February 28, limited to applications for issue; not to affect scrip previously issued.

DEPARTMENT OF THE INTERIOR,  
*Washington, June 22, 1880.*

SIR: I have considered your request of 16th instant for instructions in the matter of assignment of certificates of location issued under the third section of the act of June 2, 1858 (11 Statutes, p. 294), in view of the provisions of the act of January 23, 1879 (20 Statutes, p. 274), and my instructions of the 23th of February last relative to the issue of such scrip certificates.

You inquire in substance, whether or not the assignees who have purchased under *proces verbal* of the probate courts of Louisiana the original right and claim of the confirmer, presented the same in due form as his legal representatives, and obtained the issue and authentication of the scrip certificates, can, under the law of 1879, and the ruling of February last, give such apparent title to subsequent purchasers and locators as will entitle them to patent in their own names for the lands located.

In reply I have to state that the issue and delivery of the scrip necessarily involve as a matter of primary consideration the question of right and authority for the presentation of the claim; and this must include, from its very nature, the admission or denial of the representative character of the person seeking its allowance.

When upon such claim the right has been conceded, and the representative authority to receive possession of the certificate acknowledged and recognized by its delivery to him, without prevarication or concealment on his part of the facts and reasons on which he relies to establish his title, that question, so far as this department is concerned, is adjudicated in his favor. It would be manifestly unjust thereafter to refuse the patent for land authorized by law and instructions to be located or paid for with such scrip.

The right to a patent depends upon the right to locate, and if objection can be made at all it must go to the application to locate and not to the issue of patent upon the subsequent certificate granted by the register.

The rulings and suggestions of my communication of the 28th of February were directed to the proceeding for obtaining the scrip, and not to its subsequent use and location. If proper care be exercised in its issue it cannot go to the wrong party, and there can arise no further question except as to the sufficiency of the subsequent assignments.



A party not connecting himself with the original right can have no claim to receive possession of the scrip issued or to prove up the claim in order to obtain it; and, as before stated, the fact as to whether or not he has so connected himself, is the primary one to be determined upon receipt of his application for scrip, and is concluded so far as affects this department by its issue and delivery.

You are therefore instructed to regard the decision of February last as limited to application for issue, and not intended to undo what has already been changed from a mere claim to a chattel representative of property by the previous action of the department.

Very respectfully,

C. SCHURZ,  
*Secretary.*

THE COMMISSIONER OF THE GENERAL LAND OFFICE.

# CASE OF THE CHILDREN OF SHADRICK POWELL, WASHINGTON TERRITORY.

*Parties entitled to donation, as "orphans," under the fifth section of the act of July 17, 1854.*

DEPARTMENT OF THE INTERIOR,  
GENERAL LAND OFFICE,  
Washington, D. C., December 16, 1879.

SIR: Under the fifth section of the act of July 17, 1854 (10 Statutes, p. 306), the south half of the northwest quarter and the north half of the southwest quarter of section 36 in township 5 north, of range 1 west, Washington Territory, were selected by the register and receiver at Vancouver, for Jackson Powell, Mary Ann Powell, now Mary Ann Matthews, Willis Powell, Rebecca Powell, now Rebecca Rindlaub, and Thomas Powell, children of Shadrick Powell, deceased, and the case transmitted to this office with their letter of May 12, 1879.

According to the instructions contained in your letter of June 27, 1877, in the claim of the orphan children of Robert and Ellen Owen, I have the honor to submit this case, with my opinion thereon, for your consideration.

By an examination of the evidence upon which the selection was made, it appears that the father of these children died in 1852, and that the mother is still living.

The said fifth section provides, "That in any case where orphans have been, or may be, left in either of the said Territories, whose parents, or either of them, if living, would have been entitled to a donation under the act, or either of those of which it is amendatory, said orphans shall be entitled to a quarter-section of land on due proof being made to the satisfaction of the surveyor-general, subject to the decision of the Secretary of the Interior, said land to be set off to them by the surveyor-general in good agricultural land, not reserved, or otherwise appropriated, under any law of Congress; and, in case of the death of either or any of said orphans, after their lands shall have been designated by the surveyor-general, the right or rights of the deceased shall vest in the survivor or survivors."

The following is a part of the instructions issued by this office August 28, 1854, to the registers and receivers, under the above quoted section: The statute "provides for such orphans as had no rights under the acts of 1850 and 1853; that is, where either or both parents, being settlers, died before the 27th of September, 1850, and having no rights under those acts, consequently had none to be inherited; or where one or both parents died on their way to the Territories" (of Oregon and Washington), "leaving children *entire orphans* that were landed there, whether they continued to remain there or not."

Passing by for the present, the question as to whether the land selected was subject to selection, the primary and principal question presented for consideration is, whether the claimants are orphans within the intent and meaning of the fifth section of the aforesaid act of 1854, the mother, as above stated, being still alive.

The attorney for the claimants contends that the death of either parent constitutes an orphan within the meaning of the statute. In his brief, he reviews at considerable length the correspondence in 1833, between ex-President John Quincy Adams and Mr. Joseph Hopkins upon the subject, from which it seems that both of these gentlemen were at first of the impression that an orphan was one who had lost both parents, but upon research and consideration changed their opinions. Mr. Adams, tracing the word to its origin, found that it was derived from the Greek language, and defined to be first, a child who had lost either or both parents, and, second, a bereaved or needy person; Mr. Hopkins that an orphan was a fatherless child, or one who had lost both parents.

The late edition of Webster's dictionary defines the word to be "a child who is bereaved of both father and mother; sometimes, also, a child who has but one parent



living." The definition given in Bouvier's law dictionary is "a minor or infant who has lost both of his or her parents; sometimes the term is applied to such a person who has lost only one of his or her parents." Abbott's dictionary (edition of 1879) recites the definitions given by others in the following order, first, by Jacob, "a fatherless child"; second, by Wharton, "a fatherless child, or minor, or one deprived of both father and mother"; third, Bouvier as above stated; and, fourth, "orphan may mean either a minor who has lost both parents, or one who has lost only one. A devise for the benefit of the Roman Catholic orphans of specified region is void for uncertainty for the reason among others that it is impossible to determine whether whole or half orphans are meant (Heise Murphy, 40 Wis., 276, 290)."

While the lexicographers above quoted from differ from each other in their definitions of the term orphan, I think we are able to recognize the fact that the present generally-accepted meaning of the word is that given in Webster's and Bouvier's dictionaries, a minor bereft of both parents.

Independent of this view of the subject, in my opinion, the case above cited recognizes a distinction which must furnish the true rule by which the act under consideration must be construed to determine whether its benefits are restricted to *whole orphans*—those who have lost both parents—or whether it also includes those who are half orphans, who have lost only one parent.

It has been suggested that the words in the fifth section of the act "whose parents or either of them, if living, would have been entitled to a donation," &c., furnish the meaning of the term orphan as it was intended to be applied. But I interpret these words as applying to the personal qualifications of the orphans, independent of their orphanage; if both or either of the parents were personally qualified and did not exercise their right to a donation, the personal qualifications descended under the statute to the orphan children and entitled them to a donation.

Upon a review of the legislation upon the subject of donations in Oregon, it will be observed that the eighth section of the original act of September 27, 1850, granted the right to a donation to natives and naturalized citizens of the United States, male and female, married and unmarried, above the age of eighteen years, including half-breed Indians who were residents of the Territory at the date of the passage of the act, or became residents before the 1st of December, 1850.

The fifth section of said act granted this right to males who emigrated to the Territory between the 1st of December, 1850, and December 1, 1853.

The eighth section provided that the rights of a deceased settler should descend to his widow and heirs-at-law.

The eighth section of the amendatory act of February 14, 1853, provided that each widow who resided in the Territory at the date of the act, and those who should thereafter locate there, should be entitled to the same quantity of land that she would have been but for the death of her husband.

Then came the act of July 17, 1854, the fifth section of which provided for the only class of persons which up to that date had not been provided for, to wit: The orphans of deceased parents who would have been entitled if they had lived. This section is so framed that the right of the orphan does or did not depend upon the qualifications of both parents, but if either was qualified, the orphan was entitled to a donation.

It appears from the records of this office, that the mother of the claimants in this case took a donation as the widow of Shadrick Powell, which was patented to her September 20, 1867.

From the foregoing, I am of the opinion that the case now presented does not come within the provisions of the fifth section of the act of July 17, 1854.

Touching the question of location I find that by the twentieth section of the act of Congress of March 2, 1853 (10 Statutes, p. 172), it is provided, "That when the lands in said Territory shall be surveyed under the direction of the Government of the United States, preparatory to bringing the same into market, or otherwise disposing thereof, sections numbered sixteen and thirty-six in each township in said Territory shall be, and the same are hereby, reserved for the purpose of being applied to common schools in said Territory."

The official plat of survey on file in this office, of township 5 north, range 1 west, in which the selection of the children of Shadrick Powell was made, being parts of section 36, was approved May 5, 1854, and at that time it does not appear that the tracts so selected were occupied by an actual settler, thereby creating an adverse right within the meaning of said twentieth section, nor was the selection for Powell's children made until May 12, 1879.

In my opinion, therefore, immediately upon the survey of said township in 1854, the title to that portion of section 36, selected as aforesaid, was reserved for school purposes, and the selection should be canceled.

Very respectfully, your obedient servant,

J. M. ARMSTRONG,  
Acting Commissioner.

Hon. C. SCHURZ,  
Secretary of the Interior.



*Concurrent decision of department.*

DEPARTMENT OF THE INTERIOR,  
Washington, February 28, 1880.

SIR: I have considered the application of Jackson Powell, Mary Ann Powell, now Mary Ann Matthews, Willis Powell, Rebecca Powell, now Rebecca Rindlaub, and Thomas Powell, children of Shadrick Powell, deceased, under the fifth section of the act of July 17, 1854, submitted with your letter, dated December 16, 1879.

Shadrick Powell died in Washington Territory in the year 1852.

The section above cited is as follows: "That in any case where orphans have been or may be left in either of said Territories, whose parents, or either of them, if living, would have been entitled to a donation under this act, or either of those of which it is amendatory, said orphans shall be entitled to a quarter-section of land on due proof being made to the satisfaction of the surveyor general, subject to the decision of the Secretary of the Interior" (10 Statutes, p. 305).

The act from which the above section is cited was amendatory to the act approved September 27, 1850, known as the "donation act," (9 Statutes, p. 496), and the act amendatory thereof, approved February 14, 1853 (10 Statutes, p. 158).

The qualifications of a grantee under the act of 1850 are expressly recited in the fourth section of said act. He must have been a white settler or occupant of the public lands (American half-breed Indians included) above the age of 18 years, a citizen of the United States, or one who had declared his intention to become a citizen, or who should make such declaration on or before the first day of December 1851, a resident of the Territory of Oregon at the date of the passage of the act, or who should become a resident thereof on or before December 1, 1850. If said qualified party should reside upon and cultivate the public land for four consecutive years, and otherwise conform to the provisions of the granting act, said party, if single, was granted 320 acres of land, and if married 640 acres, one half to himself and the other half to his wife, to be held in her own right.

It will be observed that under the act the party must have been an actual settler upon the land, and must have been a resident of Oregon prior to December 1, 1850.

By the fifth section of the act of February 14, 1853, it was provided that a person who became a resident of the Territory of Oregon prior to December 1, 1855, should be entitled to the benefits of the "donation act." Settlement and occupancy of the land were still required, and only those who were residents of the Territory of Oregon prior to December 1, 1855, could obtain the benefits of the act. By the eighth section of said act of 1853, a widow, whose husband would have been entitled under the act of 1850 or 1853, was entitled to the same quantity of land that she would have been entitled to but for the death of her husband.

Occupancy and settlement of the land were, however, still required.

We now come to the fifth section of the act approved July 17, 1854, under which the present application is made.

The section conferred a benefit upon a certain class excluded from the benefits of the prior acts, viz, orphans, who had been left in the Territory of Oregon or Washington, or who should be left, whose parents, or either of them, would have been entitled to a donation under the act of 1850 or 1853. The benefit conferred was a quarter section of land to which said orphans were entitled without occupancy or possession.

Congress intended to confer benefits upon the early settlers of this portion of our country, and to this end a quantity of land was given to the husband and father, to the wife or widow and mother, and to orphans whose parents, or either of them, would have been entitled to land.

Counsel for applicants put great stress upon the legal interpretation or meaning of the word *orphan*, contending that it means a "fatherless child," and not one bereft of both parents. Authorities differ on the point, and I do not deem it essential at this time to give a technical definition to the word. When we take into consideration the provisions of the three acts of 1850, 1853, and 1854, it is clear that if either or both of the parents had received a donation under any of the acts, the children were not entitled, or, in other words, they are not orphans within the meaning of the act.

In the case under consideration, the mother of the applicants is living and has received the benefit of the donation act. Hence, in my opinion, the children are not entitled.

I concur in your recommendation that the application be rejected.

The papers in the case are herewith returned.

Very respectfully,

C. SCHURZ, *Secretary.*

The COMMISSIONER OF THE GENERAL LAND OFFICE.



## SANTIAGO DE SANTA ANA, CALIFORNIA.

*Instructions to surveyor-general for investigation and report, under first section of act of July 1, 1864.*

DEPARTMENT OF THE INTERIOR, GENERAL LAND OFFICE,  
*Washington, D. C., July 3, 1880.*

SIR: An examination of the record in the matter of the survey of the Rancho Santiago de Santa Ana, Bernardo Yorba, and others, heirs, &c., confirmees, shows that the questions of doubt and controversy affecting the survey, as to its correctness, relate to the proper location, under the confirmation, of the western boundary of the River Santa Ana and the southern termination of the eastern boundary at the sea-shore; as to the western boundary, whether it should follow the line established as the eastern boundary of the adjoining Rancho las Bolsas, adopted as the course of the river bounding that grant, or be located on a different course, claimed to be that of the river when it was made the boundary of the Santiago de Santa Ana grant; and as to the eastern boundary line, whether it should be extended to the sea-shore by a direct line, as in the survey, or from the point where it reaches the "inlet" follow its shore line to the sea.

The decree of confirmation of the Rancho Santiago de Santa Ana refers for description of the land confirmed to "the certified copies of the petition of Pablo Grijalva, the report of Manuel Rodriguez thereupon, and of the map contained in the expediente."

The petition of Grijalva bears date December 8, 1801, and was accompanied by the report of Rodriguez. Both papers make the river Santa Ana the western boundary of the grant, and the map referred to shows the same in its delineations. It is therefore necessary, in order to determine the true boundary, to ascertain the location of the course of the river at the date of the petition referred to in the decree of confirmation, to wit, December 8, 1801.

From depositions introduced in the case, and from your report of January 4, 1879, accompanying the return of the survey to this office, it appears that the river Santa Ana has very materially changed its course in years past, in its approach to the ocean, and upon the territory constituting the two grants named, over a tract of country from one to three miles in width, great changes having taken place there in about the year 1825.

It will therefore be seen that, while the question as to the true location of this boundary is involved in uncertainty, it is one of very great importance as affecting the rights of the parties in interest; but while there is sufficient in the case to disclose this state of uncertainty, and the importance of a correct conclusion, there is hardly anything admissible as evidence upon which a satisfactory opinion can be based. The examination made, and the conclusions reached by you, as shown in your report aforesaid, are important, but your action was irregular and without authority, having been taken without instructions, after the survey had been regularly published under the act of July 1, 1864, and no objections made thereto, and all the testimony or evidence introduced in the case being *ex parte*; you are, therefore, hereby instructed to notify the parties in interest of a time and place for taking testimony—which should be in the vicinity of the locality in question, if practicable—to take such testimony as they may offer, or as may be necessary and procurable, to prove the location and course of the river Santa Ana in the year 1801, or as far back as the knowledge and memory of witnesses may extend, and to show the changes that have since taken place therein, and describe or designate such location, course, and changes, so as to show their relation to the lines of the official survey; also proof to show the character of the inlet at the southeastern part of the Rancho Santiago de Santa Ana as to being tide-water, &c.

You will make or direct to be made such further examination as you may deem necessary for the purpose in view, and report the testimony taken and facts ascertained to this office as soon as practicable.

Respectfully,

C. W. HOLCOMB,  
*Acting Commissioner.*

THEODORE WAGNER, Esq.,  
*United States Surveyor General, San Francisco, Cal.*

*Protest against foregoing instructions dismissed by department.*

Parties who may submit testimony, &c.

DEPARTMENT OF THE INTERIOR,  
*Washington, July 14, 1880.*

SIR: On the 3d instant your office instructed the United States surveyor general for California in the matter of the survey of the Rancho Santiago de Santa Ana "to



notify the parties in interest of a time and place for taking testimony \* \* \* to take such testimony as they may offer, or as may be necessary and procurable, to prove the location and course of the river Santa Ana in the year 1801, or as far back as the knowledge and memory of witnesses may extend, and to show the changes that have since taken place therein, and describe or designate such location, course, and changes so as to show their relation to the lines of the official survey; also, proof to show the character of the inlet at the southeastern part of the Rancho Santiago de Santa Ana, as to being tide-water," &c.

You further instructed him as follows:

"You will make or direct to be made such further examination as you may deem necessary for the purpose in view, and report the testimony taken and facts ascertained to this office as soon as practicable."

The object of this testimony, as I understand it, is to clear up some doubt existing in your mind as to the true location of the western line of said rancho, a survey of which is before you for approval, which line, it is contended, correctly located, is to the west of the eastern line of the Bolsas Rancho, a private claim that has been patented.

Under date of the 5th instant Hon. Montgomery Blair, of counsel for owners of the said adjoining patented Rancho Bolsas, submitted a letter to this department in the nature of a protest against said instructions, invoking the supervisory power of the Secretary of the Interior to arrest proceedings thereunder. Mr. Blair takes the ground that as the surveys of both the Santiago de Santa Ana and the Bolsas Ranchos were duly published, and neither of them was objected to, the claimants of neither rancho are now, nor will they be hereafter, parties to the record so as to entitle them to take an appeal from the present or any future decision of your office in relation to said survey.

But the fact is, so far as the owners of the Bolsas claim are concerned, that the survey of the Santiago de Santa Ana, now pending, does not conflict with the Bolsas claim as surveyed and patented, and there has been no occasion for said owners to object. But if you should modify or change that survey so as to conflict with the Bolsas claim, then undoubtedly the owners of that rancho would have the right to appear and be heard, and to appeal. And it follows that, as the testimony directed to be taken by your instructions is for the purpose of ascertaining whether the western line of the Santiago de Santa Ana does not lie to the west of the eastern line of the Bolsas and within the limits of the latter as surveyed and patented, the owners of the Bolsas are among "the parties in interest," which your instructions direct the surveyor-general to notify of the time and place of taking testimony, and who are authorized to submit testimony in their own behalf, and who, as a matter of course, may except to rulings and appeal from decisions adverse to their interests.

You have undoubted authority, under the first section of the act of July 1, 1864 (13 statutes, p. 332), to require a further report from the surveyor general of California, touching the matters indicated by you, or proofs to be taken thereon, and as these matters and all rulings and decisions thereon by the surveyor general or your office may be brought here for review, I decline to interfere with your judgment and discretion in the premises, and accordingly dismiss the protest.

Very respectfully,

C. SCHURZ,  
*Secretary.*

The COMMISSIONER OF THE GENERAL LAND OFFICE.

#### SOUTHERN PUBLIC LANDS.

Under the act of Congress of June 22, 1876, repealing section 2303 of the Revised Statutes of the United States, provision was made for the restoration of all the public lands in the States of Florida, Mississippi, Alabama, Louisiana, and Arkansas, to ordinary private entry. This was to be accomplished by offering at public sale, as soon as practicable, the lands affected thereby, according to the provisions of existing law.

The carrying of this law into effect made necessary the examination of every tract or subdivision of land in the States named, the preparation of descriptive lists thereof from the records of this and the several district land offices, and to have executive proclamations prepared and issued and the lands offered for sale.

The public lands in Arkansas, Florida, and Mississippi, as well as those in the former Saint Stephens, Elba, Demopolis, Greenville, Montgomery, and part of the Lebanon districts in Alabama, and the former



Monroe, Greensburg, Opelousas, and southeastern districts in Louisiana, were all proclaimed and offered at public sale prior to the publication of my annual report for 1879, a statement of which will be found on pages 221 and 222 of said report.

The residue of the vacant public lands in the States of Alabama and Louisiana were proclaimed and offered as follows: Those in the northern part of the former Lebanon district, and in the Huntsville district in Alabama, not withheld as mineral, February 17, 1880; those in the former Tuscaloosa district in Alabama, not withheld as mineral, February 24, 1880, and those in the northwestern or Natchitoches district in Louisiana, April 13, 1880.

In the examination of the records of this office and a comparison thereof with lists of vacant public lands made up at the several district land offices, during the preparation of the lists for offering, a large number of discrepancies were discovered, which made it necessary to hold from offering a large number of tracts, aggregating many thousands of acres, in order to give time and opportunity for this office to examine the tracts and ascertain the exact status of each, and to correct the records of this and the district offices accordingly.

Since the completion of the lists for the offerings above mentioned, this work of examination has been going on, and it is now well advanced; when completed the lands found vacant, together with those made vacant by the cancellation of abandoned homestead entries since the preparation of the former lists for offering, will be embraced in a list and proclaimed and offered at public sale.

Respectfully submitted.

J. A. WILLIAMSON,  
*Commissioner.*

Hon. C. SCHURZ,  
*Secretary of the Interior.*



No. 1.—*Tabular statement showing the number of acres of public lands surveyed in the following land States and Territories up to June 30, 1879, during the present fiscal year, and the total of the public lands surveyed up to June 30, 1880; also, the total area of the public domain remaining unsurveyed within the same.*

Land States and Territories.	Areas of public lands in States and Territories.		Number of acres of public lands surveyed.				Total area of public and Indian lands remaining unsurveyed, inclusive of the area of private land claims surveyed up to June 30, 1880.
	In acres.	In square miles.	Up to June 30, 1879.	Prior to June 30, 1879, not heretofore reported.	Within the fiscal year ending June 30, 1880.	Total up to June 30, 1880.	
Wisconsin.....	34, 511, 360	53, 924	34, 511, 360	.....	.....	34, 511, 360	.....
Iowa.....	35, 228, 800	55, 045	35, 228, 800	.....	.....	35, 228, 800	.....
Minnesota.....	53, 459, 840	83, 531	39, 536, 940	116, 224. 14	296, 253. 46	39, 949, 417	13, 510, 423
Kansas.....	51, 770, 240	80, 891	51, 770, 240	.....	.....	51, 770, 240	.....
Nebraska.....	48, 636, 800	75, 995	40, 715, 571	159, 842. 68	709, 179. 33	41, 584, 593	7, 052, 207
California.....	100, 992, 640	157, 801	47, 979, 543	576, 875. 65	3, 792, 630. 10	52, 349, 048	48, 643, 592
Nevada.....	71, 737, 600	112, 090	12, 372, 308	.....	928, 694. 07	13, 301, 002	58, 436, 598
Oregon.....	60, 975, 360	95, 274	21, 913, 612	101, 186. 85	1, 052, 221. 85	23, 067, 020	37, 908, 340
Washington.....	44, 796, 160	69, 994	14, 736, 403	375, 176. 67	847, 595. 29	15, 959, 175	28, 836, 985
Colorado.....	66, 880, 000	104, 500	23, 354, 523	92, 196. 10	2, 775, 601. 81	26, 222, 321	40, 657, 679
Utah.....	54, 064, 640	84, 476	9, 341, 375	.....	440, 585. 79	9, 781, 960	44, 282, 680
Arizona.....	72, 906, 240	113, 916	5, 499, 353	.....	308, 521. 21	5, 807, 874	67, 098, 366
New Mexico.....	77, 568, 640	121, 201	8, 843, 890	75, 603. 97	1, 624, 156. 41	10, 543, 650	67, 024, 990
Dakota.....	96, 596, 480	150, 932	22, 626, 770	*416, 798. 84	†2, 130, 808. 59	25, 174, 377	71, 422, 103
Idaho.....	55, 228, 160	86, 294	6, 933, 429	329, 726. 08	225, 637. 24	7, 488, 792	47, 739, 368
Montana.....	92, 016, 640	143, 776	11, 062, 551	.....	302, 413. 55	11, 364, 964	80, 651, 676
Wyoming.....	62, 645, 120	97, 883	9, 079, 186	.....	184, 449. 68	9, 263, 635	53, 381, 485
Missouri.....	41, 836, 931	65, 370	41, 836, 931	.....	.....	41, 836, 931	.....
Alabama.....	32, 462, 115	50, 722	32, 462, 115	.....	.....	32, 462, 115	.....
Mississippi.....	30, 179, 840	47, 156	30, 179, 840	.....	.....	30, 179, 840	.....
Louisiana.....	26, 461, 440	41, 346	25, 232, 044	.....	80, 504. 58	25, 312, 548	1, 148, 892
Arkansas.....	33, 410, 063	52, 202	33, 410, 063	.....	.....	33, 410, 063	.....
Florida.....	37, 931, 520	59, 268	30, 151, 946	23, 081. 51	.....	30, 175, 027	7, 756, 493
Ohio.....	25, 576, 960	39, 964	25, 576, 960	.....	.....	25, 576, 960	.....
Indiana.....	21, 637, 760	33, 809	21, 637, 760	.....	.....	21, 637, 760	.....
Michigan.....	36, 128, 640	56, 541	36, 128, 640	.....	.....	36, 128, 640	.....
Illinois.....	35, 465, 093	55, 414	35, 465, 093	.....	.....	35, 465, 093	.....
Indian Territory.....	44, 154, 240	68, 991	27, 003, 990	.....	.....	27, 003, 990	17, 150, 250
Alaska.....	369, 529, 600	577, 390	.....	.....	.....	.....	369, 529, 600
Total.....	1, 814, 788, 922	2, 835, 606	734, 591, 236	2, 266, 712. 49	15, 699, 252. 96	752, 557, 195	1, 062, 231, 727

\* 208,299.30 acres are embraced in Red Cloud and Spotted Tail Indian reservations.

† 67,063.90 acres are embraced in Red Cloud and Spotted Tail Indian reservations.

DEPARTMENT OF THE INTERIOR, GENERAL LAND OFFICE, September 30, 1880.

J. A. WILLIAMSON, Commissioner.



No. 2.—Statement of public lands sold for cash and entered under the homestead and timber-culture acts, with the amounts received therefor, including fees and commissions from all sources, during the fiscal year 1880, commencing July 1, 1879, and ending June 30, 1880.

States, Territories, and land offices.	Fiscal year 1880.	Sales of land for cash and amount received therefor, including cash received on commuted homesteads.		Lands entered under the homestead acts, with amount of government fees and registers' and receivers' fees and commissions received thereon, and commissions on final homesteads.				Lands entered under the timber-culture acts, with amount of government fees and registers' and receivers' commissions received thereon.				Aggregate of acres disposed of.	Aggregate amount received from all sources.	Incidental ex- penses.	
		Acres.	Amount.	Acres.	Fees.	Commis- sions.	Amount.	Acres.	Fees.	Commis- sions.	Amount.	Acres.	Amount.	Amount.	
ALABAMA.															
Huntsville .....	1st half.	90.03	\$440 93	59,201.03	\$3,985	\$2,019 00	\$6,004 00	.....	.....	.....	.....	59,291.06	\$6,775 43	\$3,235 30	
Huntsville .....	2d half.	2,242.37	3,468 70	79,554.65	5,280	3,009 00	8,289 00	.....	.....	.....	.....	81,797.02	11,804 20	3,396 68	
Total .....		2,332.40	3,909 63	138,755.68	9,265	5,028 00	14,293 00	.....	.....	.....	.....	141,088.08	18,579 63	6,631 98	
Montgomery .....	1st half.	2,113.91	2,925 97	104,494.26	7,180	3,585 52	10,765 52	.....	.....	.....	.....	106,648.17	14,111 24	3,690 00	
Montgomery .....	2d half.	35,048.33	45,332 19	67,635.78	4,680	2,506 37	7,186 37	.....	.....	.....	.....	102,684.11	52,908 31	4,497 58	
Total .....		37,162.24	48,258 16	172,130.04	11,860	6,091 89	17,951 89	.....	.....	.....	.....	209,332.28	67,019 55	8,187 58	
Grand total .....		39,494.64	52,167 79	310,885.72	21,125	11,119 89	32,244 89	.....	.....	.....	.....	350,420.36	85,599 18	14,918 56	
ARIZONA.															
Florence .....	1st half.	3,064.73	4,107 00	1,677.87	95	114 00	209 00	.....	.....	.....	.....	4,742.60	4,615 75	958 26	
Florence .....	2d half.	4,218.43	10,077 50	2,960.00	185	216 00	401 00	679.90	\$50	\$20 00	\$70 00	8,018.33	11,006 23	1,454 29	
Total .....		7,283.16	14,184 50	4,637.87	280	330 00	610 00	679.90	50	20 00	70 00	12,760.93	15,621 98	2,412 55	
Preseott .....	1st half.	584.08	1,028 00	560.00	35	21 00	56 00	39.75	5	4 00	9 00	1,183.83	1,163 00	770 56	
Preseott .....	2d half.	683.31	1,031 30	2,439.02	155	178 50	333 50	.....	.....	.....	.....	3,122.33	1,748 75	1,203 06	
Total .....		1,267.39	2,059 30	2,999.02	190	199 50	389 50	39.75	5	4 00	9 00	4,306.16	2,911 75	1,974 62	
Grand total .....		8,550.55	16,243 80	7,636.89	470	529 50	999 50	619.65	55	24 00	79 00	17,067.09	18,533 73	4,387 17	
ARKANSAS.															
Camden .....	1st half.	1,235.19	1,794 02	54,921.58	3,670	1,934 32	5,604 32	.....	.....	.....	.....	56,156.77	7,808 19	3,002 79	
Camden .....	2d half.	3,923.76	4,774 36	50,898.71	3,505	2,082 97	5,587 97	.....	.....	.....	.....	54,822.47	10,914 63	3,327 85	
Total .....		5,158.95	6,568 38	105,820.29	7,175	4,017 29	11,192 29	.....	.....	.....	.....	110,979.24	18,722 82	6,330 64	



No. 2.—Statement of public lands sold for cash and entered under the homestead and timber-culture acts, &c.—Continued.

States, Territories, and land offices.	Fiscal year 1880.	Sales of land for cash and amount received therefor, including cash received on commuted homesteads.		Lands entered under the homestead acts, with amount of government fees and registers' and receivers' fees and commissions received thereon, and commissions on final homesteads.				Lands entered under the timber culture acts, with amount of government fees and registers' and receivers' commissions received thereon.				Aggregate of acres disposed of.	Aggregate amount received from all sources.	Incidental ex- penses.
		Acres.	Amount.	Acres.	Fees.	Commis- sions.	Amount.	Acres.	Fees.	Commis- sions.	Amount.	Acres.	Amount.	Amount.
ARKANSAS—Cont'd.														
Dardanelle.....	1st half.	1, 049. 55	\$1, 412 49	51, 971. 27	\$3, 605	\$1, 729 00	\$5, 334 00	.....	.....	.....	.....	53. 020. 82	\$6, 856 49	\$2, 442 34
Dardanelle.....	2d half..	1, 545. 24	2, 149 46	46, 224. 42	3, 170	1, 572 64	4, 742 64	.....	.....	.....	.....	47, 929. 66	7, 020 20	2, 396 24
Total .....	.....	2, 594. 79	3, 561 95	98, 195. 69	6, 775	3, 301 64	10, 076 64	.....	.....	.....	.....	100, 950. 48	13, 926 69	5, 838 58
Harrison.....	1st half.	2, 512. 95	3, 381 22	34, 691. 91	2, 400	1, 226 31	3, 626 31	.....	.....	.....	.....	37, 204. 86	7, 259 53	2, 239 44
Harrison .....	2d half..	5, 105. 02	6, 781 70	48, 404. 72	3, 350	1, 690 16	5, 040 16	.....	.....	.....	.....	53, 509. 74	12, 197 36	2, 942 55
Total .....	.....	7, 617. 97	10, 162 92	83, 096. 63	5, 750	2, 916 47	8, 666 47	.....	.....	.....	.....	90, 714. 60	19, 456 89	5, 181 99
Little Rock .....	1st half.	1, 308. 61	1, 855 75	46, 173. 01	3, 275	1, 695 78	4, 970 78	.....	.....	.....	.....	47, 481. 62	7, 189 53	3, 049 89
Little Rock .....	2d half..	2, 289. 12	4, 276 39	39, 151. 90	2, 780	1, 624 25	4, 404 25	.....	.....	.....	.....	41, 441. 02	9, 175 14	3, 442 69
Total .....	.....	3, 597. 73	6, 132 14	85, 324. 91	6, 055	3, 320 03	9, 375 03	.....	.....	.....	.....	88, 922. 64	16, 364 67	6, 492 58
Grand total ....	.....	18, 969. 44	26, 425 39	372, 437. 52	25, 755	13, 555 43	39, 310 43	.....	.....	.....	.....	391, 566. 96	68, 471 07	23, 843 79
CALIFORNIA.														
Bodie .....	1st half.	9, 257. 57	6, 267 15	2, 758. 41	180	157 50	337 50	160. 00	\$10	\$4 00	\$14 00	12, 175. 98	7, 028 65	1, 513 91
Bodie .....	2d half..	10, 710. 91	17, 774 44	2, 812. 94	185	177 00	362 00	428. 43	30	12 00	42 00	13, 952. 28	19, 362 44	2, 408 48
Total .....	.....	19, 968. 48	24, 041 59	5, 571. 35	365	334 50	699 50	588. 43	40	16 00	56 00	26, 128. 26	26, 391 09	3, 922 39
Humboldt .....	1st half.	6, 411. 84	12, 532 55	6, 590. 76	425	484 46	909 46	.....	.....	.....	.....	13, 122. 60	13, 959 76	1, 816 49
Humboldt .....	2d half..	4, 416. 01	8, 729 06	10, 017. 06	635	532 00	1, 167 00	.....	.....	.....	.....	14, 433. 07	10, 535 56	1, 883 22
Total .....	.....	10, 827. 85	21, 261 61	16, 607. 82	1, 060	1, 016 46	2, 076 46	.....	.....	.....	.....	27, 555. 67	24, 495 32	3, 699 71
Los Angeles .....	1st half.	882. 92	1, 519 16	7, 303. 46	485	479 00	964 00	1, 106. 27	75	36 00	111 00	9, 372. 65	2, 905 91	1, 451 13
Los Angeles .....	2d half..	2, 657. 42	5, 451 91	8, 619. 38	555	574 50	1, 129 50	2, 622. 50	175	84 00	259 00	14, 099. 30	7, 375 28	2, 045 90
Total .....	.....	3, 540. 34	6, 971 07	15, 922. 84	1, 040	1, 053 50	2, 093 50	3, 728. 77	250	120 00	370 00	23, 471. 95	10, 281 19	3, 497 03



Marysville.....	1st half.	4,659.31	10,724.64	16,132.98	911	1,119.95	2,030.95	.....	.....	.....	.....	21,272.29	14,200.09	3,547.31
Marysville.....	2d half..	6,256.93	11,095.81	14,508.68	880	1,093.05	1,973.05	.....	.....	.....	.....	20,765.61	14,565.96	3,469.10
Total .....	.....	10,916.24	21,820.45	30,641.66	1,791	2,213.00	4,004.00	.....	.....	.....	.....	42,037.90	28,766.05	7,016.41
Sacramento.....	1st half.	4,839.36	9,088.09	21,551.67	1,185	1,413.02	2,598.02	280.00	20	12.00	32.00	27,071.03	12,653.20	2,961.61
Sacramento.....	2d half..	6,509.30	14,019.49	14,535.84	870	1,238.42	2,108.42	.....	.....	.....	.....	21,045.14	17,411.31	3,124.80
Total .....	.....	11,348.66	23,107.58	36,087.51	2,055	2,651.44	4,706.44	280.00	20	12.00	32.00	48,116.17	30,064.51	6,086.41
San Francisco .....	1st half.	8,646.13	16,040.20	25,809.99	1,595	1,825.50	3,420.50	280.00	20	12.00	32.00	39,374.04	21,300.40	4,210.00
San Francisco .....	2d half..	12,315.39	23,095.97	24,457.40	1,660	1,809.00	3,469.00	400.00	30	16.00	46.00	39,611.29	28,882.67	4,248.00
Total .....	.....	20,961.52	39,136.17	50,267.39	3,255	3,634.50	6,889.50	680.00	50	28.00	78.00	78,985.33	50,183.07	8,458.00
Shasta .....	1st half.	3,402.67	5,990.68	9,980.04	530	588.00	1,088.00	560.00	35	20.00	55.00	13,942.71	8,049.68	2,514.25
Shasta .....	2d half..	4,064.54	5,679.75	9,959.81	570	654.00	1,224.00	318.35	20	8.00	28.00	14,342.70	8,148.75	3,028.78
Total .....	.....	7,467.21	11,670.43	19,939.85	1,100	1,212.00	2,312.00	878.35	55	28.00	83.00	28,285.41	16,198.43	5,543.03
Stockton.....	1st half.	5,164.72	8,698.97	13,804.13	865	924.02	1,789.02	160.00	10	4.00	14.00	19,288.85	11,635.87	2,690.84
Stockton.....	2d half..	3,873.56	8,106.49	13,626.92	855	998.51	1,853.51	.....	.....	.....	.....	17,500.48	11,531.69	3,180.34
Total .....	.....	9,038.28	16,805.46	27,481.05	1,720	1,922.53	3,642.53	160.00	10	4.00	14.00	36,789.33	23,167.56	5,871.18
Susanville .....	1st half.	7,559.07	8,158.85	9,778.19	610	523.86	1,133.86	1,589.23	105	52.00	157.00	19,086.49	9,856.90	1,656.92
Susanville .....	2d half..	4,311.10	11,836.46	5,641.83	355	326.25	681.25	1,926.28	135	72.00	207.00	11,889.21	13,230.21	1,723.32
Total .....	.....	11,870.17	19,995.31	15,430.02	965	850.11	1,815.11	3,515.51	240	124.00	364.00	30,975.70	23,087.17	3,380.24
Visalia .....	1st half.	3,402.01	4,472.00	5,847.93	330	654.00	984.00	1,320.00	85	36.00	121.00	10,729.94	6,055.42	1,821.26
Visalia .....	2d half..	2,512.12	1,957.33	5,036.76	275	518.00	793.00	2,167.00	145	64.00	209.00	9,715.88	3,511.58	1,876.50
Total .....	.....	5,914.13	6,429.33	10,884.69	605	1,172.00	1,777.00	3,487.00	230	100.00	330.00	20,445.82	9,567.00	3,697.76
Grand total .....	.....	111,852.88	191,239.00	228,284.18	13,956	16,060.04	30,016.04	13,318.06	895	432.00	1,327.00	362,791.54	242,201.39	51,172.16
COLORADO.														
Central City .....	1st half.	1,144.33	2,717.79	2,119.10	110	159.00	269.00	.....	.....	.....	.....	3,263.43	4,265.85	1,881.45
Central City .....	2d half..	1,745.65	5,137.50	760.00	40	47.00	87.00	.....	.....	.....	.....	2,505.65	7,065.67	2,641.11
Total .....	.....	2,889.98	7,855.25	2,879.10	150	206.00	356.00	.....	.....	.....	.....	5,769.08	11,331.52	4,522.56
Del Norte.....	1st half.	1,966.35	2,857.98	6,153.46	390	292.50	682.50	920.00	60	28.00	88.00	9,599.81	4,040.98	1,440.15
Del Norte.....	2d half..	2,481.33	4,177.61	5,153.44	345	508.50	853.50	551.05	40	30.00	60.00	8,420.42	5,542.11	1,959.39
Total .....	.....	4,447.68	7,035.59	11,540.90	735	801.00	1,536.00	1,471.65	100	48.00	148.00	18,020.23	9,583.09	3,399.54



No. 2.—Statement of public lands sold for cash and entered under the homestead and timber-culture acts, &amp;c.—Continued.

States, Territories, and land offices.	Fiscal year 1880.	Sales of land for cash and amount received therefor, including cash received on commuted homesteads.		Lands entered under the homestead acts, with amount of government fees and registers' and receivers' fees and commissions received thereon, and commissions on final homesteads.				Lands entered under the timber-culture acts, with amount of government fees and registers' and receivers' commissions received thereon.				Aggregate of acres disposed of.	Aggregate amount received from all sources.	Incidental ex- penses.	
		Acres.	Amount.	Acres.	Fees.	Commis- sions.	Amount.	Acres.	Fees.	Commis- sions.	Amount.	Acres.	Amount.	Amount.	
COLORADO—Cont'd.															
Denver City .....	1st half.	5,693.36	\$8,683 03	22,416.22	\$1,280	\$1,620 00	\$2,900 00	6,783.74	\$430	\$192 00	\$622 00	35,213.32	\$13,062 03	\$3,328 04	
Denver City .....	2d half..	8,436.03	11,133 19	22,346.38	1,292	1,868 00	3,160 00	17,831.28	1,145	492 00	1,637 00	48,613.69	16,987 19	3,260 70	
Total .....		14,129.39	19,816 22	44,762.60	2,572	3,488 00	6,060 00	24,615.02	1,575	684 00	2,259 00	83,827.01	30,049 22	6,588 74	
Lake City .....	1st half.	2,477.38	4,066 13	640.00	40	36 00	76 00	630.09	40	16 00	56 00	3,747.47	4,762 13	1,415 32	
Lake City .....	2d half..	4,895.46	7,318 08	3,614.80	245	202 50	447 50	890.72	60	24 00	84 00	9,560.98	8,881 58	2,423 19	
Total .....		7,372.84	11,384 21	4,254.80	285	238 50	523 50	1,520.81	100	40 00	140 00	13,308.45	13,643 71	3,838 51	
Leadville .....	1st half.	6,999.26	12,305 24	2,718.03	170	132 00	302 00	.....	.....	.....	.....	9,717.29	16,702 24	3,670 30	
Leadville .....	2d half..	9,737.58	20,541 29	2,305.70	150	120 40	270 40	.....	.....	.....	.....	12,043.28	26,978 69	4,107 95	
Total .....		16,736.84	32,846 53	5,023.73	320	252 40	572 40	.....	.....	.....	.....	21,760.57	43,680 93	7,778 25	
Pueblo .....	1st half.	4,179.36	6,121 00	10,971.18	700	596 50	1,296 50	240.00	15	8 00	23 00	15,510.54	8,537 60	2,846 58	
Pueblo .....	2d half..	9,318.56	12,831 86	18,651.95	1,200	1,236 00	2,436 00	1,422.35	100	52 00	152 00	29,600.86	16,759 36	3,540 00	
Total .....		13,497.92	18,952 86	29,631.13	1,900	1,832 50	3,732 50	1,662.35	115	60 00	175 00	45,111.40	25,296 96	6,386 58	
Grand total ..		59,074.65	97,890 70	98,092.26	5,962	6,818 40	12,780 40	29,269.83	1,890	832 00	2,722 00	187,796.74	133,585 43	32,514 18	
DAKOTA.															
Bismarck .....	1st half.	610.85	1,527 12	4,441.96	280	254 15	534 15	4,597.43	290	116 00	406 00	9,650.24	2,539 12	1,105 42	
Bismarck .....	2d half..	373.73	934 32	8,164.88	515	420 00	935 00	5,572.86	350	140 00	490 00	14,111.47	2,504 90	1,284 17	
Total .....		984.58	2,461 44	12,606.84	795	674 15	1,469 15	10,170.29	640	256 00	896 00	23,761.71	5,044 02	2,389 59	
Deadwood .....	1st half.	1,150.21	1,673 42	2,034.43	135	51 00	186 00	719.97	50	24 00	74 00	3,944.61	4,160 22	3,047 81	
Deadwood .....	2d half..	1,582.64	2,167 88	16,618.15	1,045	421 00	1,466 00	11,507.99	735	312 00	1,047 00	29,748.78	7,285 08	3,454 74	
Total .....		2,732.85	3,841 30	18,652.58	1,180	472 00	1,652 00	12,227.96	785	336 00	1,121 00	33,693.39	11,445 30	6,502 55	



Fargo.....	1st half	2,199.87	4,632 96	247,898.65	15,621	9,391 52	25,012 52	124,879.62	7,990	3,228 00	11,218 00	375,578.14	42,976 08	4,059 00
Fargo.....	2d half..	10,188.40	24,003 31	201,765.66	12,640	8,280 40	20,920 40	133,013.96	8,330	3,360 00	11,690 00	346,128.02	59,592 11	4,363 50
Total .....		12,388.27	28,636 27	449,664.31	28,261	17,671 92	45,932 92	257,893.58	16,320	6,588 00	22,908 00	721,706.16	102,568 19	8,422 50
Grand Forks.....	2d half..	6,024.01	9,817 42	160,746.43	10,070	4,035 05	14,105 05	51,364.41	3,200	1,288 00	4,488 00	218,374.85	30,199 47	2,357 23
Sionx Falls .....	1st half	1,811.83	3,109 95	98,582.12	6,220	4,024 42	10,244 42	24,574.62	1,575	668 00	2,243 00	126,884.81	16,991 85	4,352 03
Sioux Falls .....	2d half..	22,248.55	44,044 84	195,393.27	12,360	6,261 85	18,621 85	150,153.69	9,470	3,836 00	13,306 00	371,155.51	79,303 29	4,544 65
Total .....		24,060.38	47,154 79	293,975.39	18,580	10,286 27	28,866 27	174,728.31	11,045	4,504 00	15,549 00	498,040.32	96,295 14	8,896 68
Springfield .....	1st half	1,907.73	2,584 74	67,224.55	4,275	1,952 00	6,227 00	66,488.06	4,180	1,696 00	5,876 00	135,900.34	15,741 24	3,547 00
Springfield .....fcl	2d half..	1,731.39	2,664 26	34,673.69	2,220	1,073 00	3,293 00	42,713.29	2,690	1,084 00	3,774 00	80,198.37	10,455 76	1,811 25
Watertown .....fcl	2d half..	2,561.28	5,248 76	108,103.14	6,865	3,083 00	9,984 00	125,790.19	7,915	3,176 00	11,091 00	236,774.61	27,846 76	2,058 44
Total .....		6,200.40	10,497 76	210,001.38	13,360	6,108 00	19,468 00	234,991.54	14,785	5,956 00	20,741 00	452,873.32	54,043 76	7,416 69
Yankton.....	1st half	854.96	1,468 74	88,930.19	5,610	2,503 21	8,113 21	75,064.55	4,730	1,928 00	6,658 00	165,489.70	17,316 35	3,460 70
Yankton.....	2d half..	9,552.50	15,646 06	92,368.54	5,830	2,857 14	8,687 14	52,308.75	3,360	1,400 00	4,760 00	154,869.79	30,370 20	3,749 85
Total .....		10,407.46	17,114 80	181,298.73	11,440	5,360 35	16,800 35	127,373.30	8,090	3,328 00	11,418 00	320,359.49	47,686 55	7,210 55
Grand total ....		62,797.95	119,523 78	1,326,945.66	83,686	44,607 74	128,293 74	868,749.39	54,865	22,256 00	77,121 00	2,268,809.24	347,282 43	25,881 15
FLORIDA.														
Gainesville .....	1st half	1,329.50	2,098 89	48,374.98	3,205	1,526 26	4,731 26	.....	.....	.....	.....	50,342.86	7,012 10	3,499 77
Gainesville .....	2d half..	7,441.49	11,131 41	37,838.84	2,575	1,694 90	4,269 90	.....	.....	.....	.....	45,519.94	15,943 25	4,001 72
Grand total ....		8,770.99	13,230 30	86,213.82	5,780	3,221 16	9,001 16	.....	.....	.....	.....	95,862.80	22,955 35	7,501 49
IDAHO.														
Boisé City .....	1st half	1,997.88	2,292 47	6,718.94	450	501 00	951 00	3,548.37	245	116 00	361 00	12,265.19	4,030 40	2,045 00
Boisé City .....	2d half..	2,013.91	2,011 07	6,537.30	425	447 00	872 00	3,923.17	260	124 00	384 00	12,474.38	3,747 07	1,772 84
Total .....		4,011.79	4,302 54	13,256.24	875	948 00	1,823 00	7,471.54	505	240 00	745 00	24,739.57	7,777 47	3,817 84
Lewiston .....	1st half	5,630.09	8,223 58	8,484.44	535	357 00	892 00	6,790.63	440	184 00	624 00	20,905.16	10,549 45	2,166 68
Lewiston .....	2d half..	9,573.58	12,373 95	15,355.27	970	667 50	1,637 50	4,464.83	285	124 00	409 00	29,393.68	15,259 87	2,692 30
Total .....		15,203.67	20,597 53	23,839.71	1,505	1,024 50	2,529 50	11,255.46	725	308 00	1,033 00	50,298.84	25,809 32	4,858 98
Oxford.....	1st half	7,192.35	2,928 52	14,670.08	940	747 00	1,687 00	1,965.01	130	60 00	190 00	23,827.44	5,408 52	2,463 98
Oxford.....	2d half..	7,194.59	7,220 30	11,575.09	795	828 00	1,623 00	2,687.03	180	96 00	276 00	21,456.71	9,811 30	2,996 26
Total .....		14,386.94	10,148 82	26,245.17	1,735	1,575 00	3,310 00	4,652.04	310	156 00	466 00	45,284.15	15,219 82	5,460 24
Grand total ....		33,602.40	35,049 89	63,341.12	4,115	3,547 50	7,662 50	23,379.04	1,540	704 00	2,244 00	120,322.56	48,806 61	14,137 06



No. 2.—Statement of public lands sold for cash and entered under the homestead and timber-culture acts, &c.—Continued.

States, Territories, and land offices.	Fiscal year 1880.	Sales of land for cash and amount received therefor, including cash received on commuted homesteads.		Lands entered under the homestead acts, with amount of government fees and registers' and receivers' fees and commissions received thereon, and commissions on final homesteads.				Lands entered under the timber-culture acts, with amount of government fees and registers' and receivers' commissions received thereon.				Aggregate of acres disposed of.	Aggregate amount received from all sources.	Incidental ex- penses.
		Acres.	Amount.	Acres.	Fees.	Commis- sions.	Amount.	Acres.	Fees.	Commis- sions.	Amount.	Acres.	Amount.	Amount.
IOWA.														
Des Moines .....	1st half ..	240. 00	\$300 00	1, 756. 52	\$125	\$447 41	\$572 41	1, 321. 62	\$115	\$88 00	\$203 00	3, 318. 14	2, 048 51	\$2, 492 50
Des Moines .....	2d half..	960. 00	1, 350 00	1, 378. 26	95	533 53	628 53	3, 393. 43	260	180 00	440 00	5, 731. 69	3, 330 33	2, 602 33
Grand total .....		1, 200. 00	1, 650 00	3, 134. 78	220	980 94	1, 200 94	4, 715. 05	375	268 00	643 00	9, 049. 83	5, 378 84	5, 094 83
KANSAS.														
Concordia .....	1st half ..	1, 653. 83	2, 515 01	39, 563. 02	2, 495	2, 780 20	5, 275 20	13, 116. 34	885	464 00	1, 349 00	54, 773. 19	10, 030 87	3, 817 90
Concordia .....	2d half..	3, 409. 50	6, 164 88	35, 511. 45	2, 310	3, 077 46	5, 387 46	15, 761. 00	1, 060	560 00	1, 620 00	55, 241. 95	14, 086 73	3, 912 80
Total .....		5, 063. 33	8, 679 89	75, 074. 47	4, 805	5, 857 66	10, 662 66	28, 877. 34	1, 945	1, 024 00	2, 969 00	110, 015. 14	24, 117 6	7, 730 70
Hays City.....fel	1st half ..	49. 50	361 80	53, 495. 89	3, 195	2, 078 06	5, 273 06	21, 953. 56	1, 375	560 00	1, 935 00	75, 618. 95	8, 500 59	2, 097 85
Wakeeney .....fel	1st half ..	212. 26	513 26	41, 535. 29	2, 535	1, 710 82	4, 245 82	10, 767. 87	675	272 00	947 00	52, 515. 42	6, 323 08	2, 050 37
Wakeeney .....	2d half..	1, 999. 09	3, 752 17	67, 006. 90	3, 945	2, 829 68	6, 774 68	29, 673. 81	1, 865	756 00	2, 621 00	98, 799. 80	14, 340 87	4, 056 45
Total .....		2, 260. 85	4, 627 23	162, 038. 08	9, 675	6, 618 56	16, 293 56	62, 395. 24	3, 915	1, 588 00	5, 503 00	226, 934. 17	29, 164 54	8, 204 67
Independence.....	1st half ..	84. 79	105 99	2, 615. 33	190	132 07	322 07	80. 00	5	4 00	9 00	2, 780. 12	1, 337 96	3, 101 34
Independence.....	2d half..	60. 28	75 35	2, 542. 19	185	158 13	343 13	307. 69	20	8 00	28 00	2, 910. 16	1, 509 98	3, 011 10
Total .....		145. 07	181 34	5, 157. 52	375	290 20	665 20	387. 69	25	12 00	37 00	5, 690. 28	2, 847 94	6, 112 44
Kirwin .....	1st half ..	1, 497. 92	1, 924 73	297, 575. 70	18, 820	9, 018 43	27, 838 43	127, 315. 13	8, 030	3, 304 00	11, 334 00	427, 108. 75	45, 457 26	4, 907 55
Kirwin .....	2d half..	11, 988. 77	20, 256 01	234, 483. 67	14, 870	8, 169 15	23, 039 15	99, 417. 95	6, 310	2, 664 00	8, 974 00	348, 010. 39	56, 606 16	5, 114 50
Total .....		13, 486. 69	22, 180 74	532, 059. 37	33, 690	17, 187 58	50, 877 58	226, 733. 08	14, 340	5, 968 00	20, 308 00	775, 119. 14	102, 063 42	10, 022 05
Larned .....	1st half ..	294. 89	712 28	72, 862. 57	4, 430	4, 206 79	8, 636 79	20, 106. 29	1, 260	520 00	1, 780 00	93, 543. 75	12, 174 07	4, 443 00
Larned .....	2d half..	4, 131. 99	9, 191 76	55, 666. 29	3, 180	3, 329 60	6, 509 60	37, 315. 06	2, 190	916 00	3, 106 00	100, 269. 68	23, 557 07	4, 441 42
Total .....		4, 426. 88	9, 904 04	128, 528. 86	7, 610	7, 536 39	15, 146 39	57, 421. 35	3, 450	1, 436 00	4, 886 00	193, 813. 43	35, 731 14	8, 874 42



Salina .....	1st half.	557. 43	1, 303 45	71, 237. 15	3, 835	4, 356 94	8, 191 94	13, 900. 51	915	464 00	1, 379 00	85, 935. 09	12, 353 08	3, 951 75
Salina .....	2d half..	3, 164. 74	7, 230 68	50, 907. 49	2, 870	3, 725 99	6, 595 99	14, 849. 18	975	456 00	1, 431 00	69, 121. 41	16, 418 57	4, 073 60
Total .....		3, 722. 17	8, 534 13	122, 144. 64	6, 705	8, 082 93	14, 787 93	28, 749. 69	1, 890	920 00	2, 810 00	155, 056. 50	28, 771 65	8, 025 35
Topeka .....	1st half.	1, 149. 00	1, 741 42	5, 841. 58	340	468 67	808 67	802. 00	60	36 00	96 00	7, 792. 58	2, 887 84	1, 750 66
Topeka .....	2d half..	1, 098. 95	1, 652 46	5, 497. 96	355	404 52	759 52	221. 99	20	16 00	36 00	6, 818. 90	3, 166 48	2, 527 96
Total .....		2, 247. 95	3, 393 88	11, 339. 54	695	873 19	1, 568 19	1, 023. 99	80	52 00	132 00	14, 611. 48	6, 054 32	4, 278 62
Wichita .....	1st half.	666. 95	1, 783 69	13, 424. 32	790	1, 305 91	2, 095 91	7, 965. 10	510	228 00	738 00	22, 376. 37	6, 811 65	3, 750 00
Wichita .....	2d half..	1, 983. 91	3, 794 27	11, 745. 97	715	1, 380 11	2, 095 11	7, 398. 87	485	236 00	721 00	21, 288. 75	9, 408 08	3, 567 35
Total .....		2, 650. 86	5, 577 96	25, 170. 29	1, 505	2, 686 02	4, 191 02	15, 363. 97	995	464 00	1, 459 00	43, 985. 12	16, 220 73	7, 317 35
Grand total....		34, 003. 80	63, 079 21	1, 061, 512. 77	65, 060	49, 132 53	114, 192 53	420, 952. 35	26, 640	11, 464 00	38, 104 00	1, 524, 905. 26	244, 971 34	60, 665 60
LOUISIANA.														
Natchitoches .....	1st half.	104. 55	130 67	21, 431. 14	1, 265	514 83	1, 779 83	.....	.....	.....	.....	21, 815. 69	1, 932 10	1, 087 00
Natchitoches .....	2d half..	2, 983. 56	4, 211 38	9, 438. 39	665	433 62	1, 098 62	.....	.....	.....	.....	12, 421. 95	5, 326 82	1, 500 30
Total .....		3, 088. 11	4, 342 05	30, 869. 53	1, 930	948 45	2, 878 45	.....	.....	.....	.....	34, 237. 64	7, 258 92	2, 587 30
New Orleans.....	1st half.	1, 928. 57	3, 010 92	22, 492. 77	1, 450	891 24	2, 341 24	40. 00	5	4 00	9 00	24, 861. 34	5, 462 96	2, 237 16
New Orleans.....	2d half..	4, 824. 97	6, 087 38	28, 162. 94	1, 870	987 13	2, 857 13	.....	.....	.....	.....	33, 581. 10	9, 085 61	2, 257 48
Total .....		6, 753. 54	9, 098 30	50, 655. 71	3, 320	1, 878 37	5, 198 37	40. 00	5	4 00	9 00	58, 442. 44	14, 548 57	4, 494 64
Grand total....		9, 841. 65	13, 440 35	81, 525. 24	5, 250	2, 826 82	8, 076 82	40. 00	5	4 00	9 00	92, 680. 08	21, 807 49	7, 081 94
MICHIGAN.														
Detroit .....	1st half.	32. 67	40 84	4, 709. 05	330	245 52	575 52	.....	.....	.....	.....	7, 381. 34	693 31	1, 133 26
Detroit .....	2d half..	449. 28	758 91	4, 796. 25	330	224 98	554 98	.....	.....	.....	.....	6, 885. 53	1, 381 09	1, 117 34
Total .....		481. 95	799 75	9, 505. 30	660	470 50	1, 130 50	.....	.....	.....	.....	14, 266. 87	2, 074 40	2, 250 60
East Saginaw.....	1st half.	1, 286. 71	1, 808 37	24, 190. 67	1, 580	671 05	2, 251 05	.....	.....	.....	.....	26, 715. 64	4, 115 59	1, 325 89
East Saginaw.....	2d half..	1, 888. 39	2, 792 88	15, 923. 58	1, 040	563 06	1, 603 06	.....	.....	.....	.....	17, 851. 97	4, 406 94	1, 192 42
Total .....		3, 175. 10	4, 601 25	40, 114. 25	2, 620	1, 234 11	3, 854 11	.....	.....	.....	.....	44, 567. 61	8, 522 53	2, 518 31
Marquette .....	1st half.	1, 014. 29	1, 468 22	19, 422. 28	1, 235	633 53	1, 868 53	.....	.....	.....	.....	23, 596. 41	3, 593 99	1, 430 85
Marquette .....	2d half..	85, 165. 14	108, 083 45	18, 489. 95	1, 170	660 13	1, 830 13	.....	.....	.....	.....	134, 623. 13	110, 922 23	3, 867 64
Total .....		86, 179. 43	109, 551 67	37, 912. 23	2, 405	1, 293 66	3, 698 66	.....	.....	.....	.....	158, 219. 54	114, 516 22	5, 298 49



No 2.—Statement of public lands sold for cash and entered under the homestead and timber-culture acts, &c.—Continued.

States, Territories, and land offices.	Fiscal year 1880.	Sales of land for cash and amount received therefor, including cash received on commuted homesteads.		Lands entered under the homestead acts, with amount of government fees and registers' and receivers' fees and commissions received thereon, and commissions on final homesteads.				Lands entered under the timber-culture acts, with amount of government fees and registers' and receivers' commissions received thereon.				Aggregate of acres disposed of	Aggregate amount received from all sources.	Incidental ex- penses.
		Acres.	Amount.	Acres.	Fees.	Commis- sions.	Amount.	Acres.	Fees.	Commis- sions.	Amount.	Acres.	Amount.	Amount.
MICHIGAN—Cont'd.														
Reed City.....	1st half..	736.44	\$1,468 28	15,377.83	\$1,095	\$1,552 77	\$2,647 77	.....	.....	.....	.....	16,754.27	\$4,470 63	\$2,519 08
Reed City.....	2d half..	1,379.81	5,048 53	15,478.05	1,095	1,649 54	2,744 54	.....	.....	.....	.....	16,977.86	8,124 67	2,692 80
Total .....		2,116.25	6,516 81	30,855.88	2,190	3,202 31	5,392 31	.....	.....	.....	.....	33,732.13	12,595 30	5,211 88
Grand total .....		91,952.73	121,469 48	118,387.66	7,875	6,200 58	14,075 58	.....	.....	.....	.....	250,786.15	137,708 45	15,279 28
MINNESOTA.														
Benson .....	1st half..	328.52	1,166 77	40,631.07	2,225	1,985 51	4,210 51	10,358.81	\$665	\$304 00	\$969 00	51,518.40	7,183 28	3,700 00
Benson .....	2d half..	1,367.49	4,780 44	34,275.57	1,865	1,716 27	3,581 27	8,477.71	550	260 00	810 00	44,360.77	11,239 21	3,678 75
Total .....		1,696.01	5,947 21	74,906.64	4,090	3,701 78	7,791 78	18,836.52	1,215	564 00	1,779 00	95,879.17	18,422 49	7,378 75
Crookston .....	1st half..	2,167.25	5,028 95	112,615.87	6,940	5,767 70	12,707 70	24,850.39	1,570	640 00	2,210 00	139,793.51	25,565 95	3,542 20
Crookston .....	2d half..	3,966.82	7,887 15	109,965.30	6,945	4,648 10	11,593 10	31,902.87	2,010	820 00	2,830 00	145,834.99	27,683 19	3,460 00
Total .....		6,134.07	12,916 10	222,581.17	13,885	10,415 80	24,300 80	56,753.26	3,580	1,460 00	5,040 00	285,628.50	53,249 14	7,002 20
Duluth .....	1st half..	1,234.10	2,815 54	4,586.60	270	295 00	565 00	.....	.....	.....	.....	5,900.70	3,494 79	966 15
Duluth .....	2d half..	14,355.98	17,174 43	5,497.21	350	360 12	710 12	.....	.....	.....	.....	20,093.19	18,067 55	1,677 63
Total .....		15,590.08	19,989 97	10,083.81	620	655 12	1,275 12	.....	.....	.....	.....	25,993.89	21,562 34	2,643 78
Fergus Falls.....	1st half..	2,215.72	4,526 65	59,913.91	4,235	3,230 20	7,465 20	5,255.16	350	156 00	506 00	77,384.79	13,413 85	3,475 00
Fergus Falls.....	2d half..	2,441.74	4,811 00	58,512.14	3,730	2,939 62	6,669 62	7,862.79	480	224 00	704 00	68,396.67	13,507 40	3,450 00
Total .....		4,657.46	9,337 65	128,426.05	7,965	6,169 82	14,134 82	12,617.95	830	380 00	1,210 00	145,781.46	26,921 25	6,925 00
New Ulm.....	1st half..	1,258.87	3,396 93	62,829.06	3,775	3,629 97	7,404 97	8,773.28	565	252 00	817 00	73,021.21	11,899 20	3,450 00
Tracy .....	2d half..	1,250.47	2,675 94	22,217.88	1,265	1,800 49	3,065 49	5,491.68	365	176 00	541 00	28,960.03	6,472 83	3,325 00
Total .....		2,509.34	6,072 87	85,046.94	5,040	5,430 46	10,470 46	14,264.96	930	428 00	1,358 00	101,981.24	18,372 03	6,775 00



Redwood Falls.....	1st half.	947. 10	2, 396 22	27, 872. 33	1, 420	1, 555 11	2, 975 11	5, 240. 83	345	164 00	509 00	34, 140. 26	6, 044 83	2, 821 54
Redwood Falls.....	2d half..	500. 92	1, 257 24	24, 571. 44	1, 305	1, 464 62	2, 769 62	5, 895. 91	400	200 00	600 00	30, 968. 27	4, 962 36	3, 015 29
Total .....		1, 448. 02	3, 653 46	52, 443. 77	2, 725	3, 019 73	5, 744 73	11, 136. 74	745	364 00	1, 109 00	65, 108. 53	11, 007 19	5, 836 83
Saint Cloud.....	1st half.	2, 337. 35	5, 104 78	33, 543. 71	2, 120	1, 838 89	3, 958 89					35, 881. 06	9, 806 67	3, 008 00
Saint Cloud.....	2d half..	3, 038. 61	4, 810 17	22, 647. 52	1, 490	1, 254 21	2, 744 21					25, 686. 23	9, 138 08	3, 447 50
Total .....		5, 375. 96	9, 914 95	56, 191. 23	3, 610	3, 093 10	6, 703 10					61, 567. 19	18, 944 75	6, 455 50
Taylor's Falls.....	1st half.	2, 251. 95	5, 025 63	3, 335. 51	200	293 12	493 12					5, 587. 46	5, 607 25	1, 017 74
Taylor's Falls.....	2d half..	171. 67	379 18	3, 664. 60	245	269 31	514 31					3, 836. 27	968 29	915 18
Total .....		2, 423. 62	5, 404 81	7, 000. 11	445	562 43	1, 007 43					9, 423. 73	6, 575 54	1, 932 92
Worthington.....	1st half.	377. 89	1, 846 30	27, 532. 46	1, 350	1, 793 92	3, 143 92	8, 676. 56	575	272 00	847 00	36, 586. 91	6, 271 97	3, 450 00
Worthington.....	2d half..	970. 84	3, 122 98	18, 195. 88	920	1, 391 18	2, 011 18	5, 149. 37	360	192 00	552 00	24, 316. 09	7, 086 66	3, 946 28
Total .....		1, 348. 73	4, 969 28	45, 728. 34	2, 270	3, 185 10	5, 455 10	13, 825. 93	935	464 00	1, 399 00	60, 903. 00	13, 358 63	7, 396 28
Grand total.....		41, 183. 29	78, 206 30	682, 408. 06	40, 650	36, 223 34	76, 873 34	127, 435. 36	8, 235	3, 660 00	11, 895 00	852, 266. 71	188, 413 36	52, 346 26
MISSISSIPPI.														
Jackson.....	1st half.	2, 546. 87	3, 188 39	30, 149. 37	2, 045	837 00	2, 882 00					32, 936. 24	6, 104 54	2, 174 90
Jackson.....	2d half..	7, 279. 39	9, 099 28	25, 751. 91	1, 835	934 00	2, 769 00					33, 350. 82	11, 997 78	2, 735 06
Grand total.....		9, 826. 26	12, 287 67	55, 901. 28	3, 880	1, 771 00	5, 651 00					66, 287. 06	18, 102 32	4, 909 96
MISSOURI.														
Boonville.....	1st half.	142. 46	235 89	7, 046. 94	510	372 31	882 31					7, 269. 40	1, 385 06	1, 268 90
Boonville.....	2d half..	3, 061. 39	3, 948 47	13, 572. 09	1, 015	612 16	1, 627 16					16, 633. 48	6, 029 30	1, 764 59
Total .....		3, 203. 85	4, 184 36	20, 619. 03	1, 525	984 47	2, 509 47					23, 902. 88	7, 414 36	3, 033 49
Ironton.....	1st half.	482. 71	753 38	11, 736. 77	865	559 30	1, 424 30					12, 219. 48	2, 377 41	1, 484 58
Ironton.....	2d half..	1, 239. 52	1, 686 30	20, 721. 10	1, 500	795 64	2, 295 64					21, 960. 62	4, 343 87	1, 799 58
Total .....		1, 722. 23	2, 439 68	32, 457. 87	2, 365	1, 354 94	3, 719 94					34, 180. 10	6, 721 28	3, 284 16
Springfield.....	1st half.	271. 21	344 11	13, 040. 32	955	569 00	1, 524 00					13, 311. 53	2, 044 11	1, 283 23
Springfield.....	2d half..	1, 264. 08	1, 592 29	25, 928. 95	1, 835	1, 027 00	2, 862 00					27, 193. 03	4, 717 29	1, 899 63
Total .....		1, 535. 29	1, 936 40	38, 969. 27	2, 790	1, 596 00	4, 386 00					40, 504. 56	6, 761 40	3, 182 86
Grand total.....		6, 461. 37	8, 560 44	92, 046. 17	6, 680	3, 935 41	10, 615 41					98, 587. 54	20, 897 04	9, 500 51



No. 2.—Statement of public lands sold for cash and entered under the homestead and timber-culture acts, &amp;c.—Continued.

States, Territories, and land offices.	Fiscal year 1880.	Sales of land for cash and amount received therefor, including cash received on commuted homesteads.		Lands entered under the homestead acts, with amount of government fees and registers' and receivers' fees and commissions received thereon, and commissions on final homesteads.				Lands entered under the timber-culture acts, with amount of government fees and registers' and receivers' commissions received thereon.				Aggregate of acres disposed of.	Aggregate amount received from all sources.	Incidental ex- penses.	
		Acres.	Amount.	Acres.	Fees.	Commis- sions.	Amount.	Acres.	Fees.	Commis- sions.	Amount.	Acres.	Amount.	Amount.	
MONTANA.															
Bozeman .....	1st half.	2, 095. 06	\$1, 197 06	4, 719. 53	\$275	\$369 00	\$644 00	400. 00	\$25	\$12 00	\$37 00	7, 214. 59	\$2, 126 87	\$1, 453 55	
Bozeman .....	2d half..	2, 852. 03	3, 080 14	4, 208. 77	265	345 00	610 00	314. 35	25	12 00	37 00	7, 375. 15	3, 932 43	1, 282 71	
Total .....		4, 947. 09	4, 277 20	8, 928. 30	540	714 00	1, 254 00	714. 35	50	24 00	74 00	14, 589. 74	6, 059 30	2, 736 26	
Helena .....	1st half.	27, 967. 36	11, 347 11	14, 454. 82	845	954 00	1, 799 00	2, 639. 38	170	88 00	258 00	45, 061. 56	14, 318 11	2, 817 94	
Helena .....	2d half..	29, 704. 34	25, 925 68	17, 131. 86	1, 070	1, 174 50	2, 244 50	3, 481. 59	240	132 00	372 00	50, 317. 79	29, 561 18	3, 464 00	
Total .....		57, 671. 70	37, 272 79	31, 586. 68	1, 915	2, 128 50	4, 043 50	6, 120. 97	410	220 00	630 00	95, 379. 35	43, 879 29	6, 281 94	
Grand total ..		62, 618. 79	41, 549 99	40, 514. 98	2, 455	2, 842 50	5, 297 50	6, 835. 32	460	244 00	704 00	109, 969. 09	49, 938 59	9, 018 20	
NEBRASKA.															
Beatrice .....	1st half.	1. 99	204 98	3, 183. 81	165	880 01	1, 045 01	9, 810. 06	120	68 00	188 00	12, 995. 86	2, 789 04	3, 111 50	
Beatrice .....	2d half..	288. 10	560 84	3, 191. 63	145	494 26	639 26	2, 342. 41	170	100 00	270 00	5, 822. 14	2, 265 10	3, 051 25	
Total .....		290. 09	765 82	6, 375. 44	310	1, 374 27	1, 684 27	12, 152. 47	290	168 00	458 00	18, 818. 00	5, 054 14	6, 162 75	
Bloomington .....	1st half.	1, 232. 32	1, 785 62	122, 988. 68	7, 645	5, 408 49	13, 053 49	35, 036. 99	2, 200	928 00	3, 128 00	159, 657. 99	19, 194 46	3, 974 05	
Bloomington .....	2d half..	3, 355. 95	6, 355 63	95, 770. 43	5, 985	4, 426 70	10, 411 70	27, 462. 44	1, 715	736 00	2, 451 00	127, 308. 82	20, 588 83	3, 935 35	
Total .....		4, 588. 27	8, 142 25	218, 759. 11	13, 630	9, 835 19	23, 465 19	62, 499. 43	3, 915	1, 664 00	5, 579 00	286, 966. 81	39, 783 29	7, 909 40	
Grand Island .....	1st half.	636. 46	1, 406 41	87, 701. 82	5, 360	4, 314 34	9, 674 34	58, 145. 74	3, 715	1, 584 00	5, 299 00	146, 484. 02	17, 386 75	3, 919 06	
Grand Island .....	2d half..	1, 231. 73	3, 391 12	99, 527. 36	6, 070	4, 377 25	10, 447 25	50, 648. 77	3, 230	1, 364 00	4, 594 00	151, 407. 86	19, 605 37	3, 920 70	
Total .....		1, 868. 19	4, 797 53	187, 229. 18	11, 430	8, 691 59	20, 121 59	108, 794. 51	6, 495	2, 948 00	9, 893 00	297, 891. 88	36, 992 12	7, 839 76	
Lincoln .....	1st half.	163. 28	408 20	11, 100. 81	515	2, 638 71	3, 153 71	3, 880. 91	255	164 00	419 00	15, 225. 00	4, 528 62	3, 436 50	
Lincoln .....	2d half..	445. 71	1, 014 27	9, 733. 14	455	1, 561 30	2, 016 30	4, 330. 52	305	192 00	497 00	14, 509. 37	3, 847 57	3, 354 35	
Total .....		608. 99	1, 422 47	20, 833. 95	970	4, 200 01	5, 170 01	8, 211. 43	560	356 00	916 00	29, 734. 37	8, 376 19	6, 790 85	



Niobrara .....	1st half ..	644.84	1,106 17	53,337.97	3,380	1,552 00	4,932 00	47,686.33	3,010	1,256 00	4,266 00	101,749.14	10,877 67	3,112 00
Niobrara .....	2d half ..	1,907.44	2,784 51	106,294.20	6,690	2,929 00	9,619 00	84,186.81	5,325	2,200 00	7,525 00	192,388.45	20,955 51	3,154 00
Total .....		2,552.28	3,890 68	159,632.17	10,070	4,481 00	14,551 00	131,873.14	8,335	3,456 00	11,791 00	294,137.59	31,833 18	6,266 00
Norfolk .....	1st half ..	720.95	901 19	23,385.32	1,465	863 72	2,328 72	14,261.22	900	404 00	1,304 00	38,527.49	4,731 91	2,433 72
Norfolk .....	2d half ..	1,257.98	1,690 36	36,366.50	2,300	1,302 16	3,602 16	24,538.29	1,560	688 00	2,248 00	62,162.77	7,969 53	3,337 98
Total .....		1,978.93	2,591 55	59,751.82	3,765	2,165 88	5,930 88	38,799.51	2,460	1,092 00	3,552 00	100,690.26	12,701 44	5,771 70
North Platte .....	1st half ..	1,367.63	2,125 32	76,726.65	4,720	2,563 59	7,283 59	55,981.72	3,515	1,416 00	4,931 00	134,396.00	14,982 91	3,022 75
North Platte .....	2d half ..	2,030.60	2,632 29	97,132.78	6,015	3,163 31	9,178 31	64,680.00	3,955	1,592 00	5,547 00	164,403.38	18,584 15	3,587 60
Total .....		3,398.23	4,757 61	173,859.43	10,735	5,726 90	16,461 90	120,661.72	7,470	3,008 00	10,478 00	298,799.38	33,567 06	6,610 35
Grand total .....		15,288.98	26,366 91	826,441.10	50,910	36,474 84	87,384 84	482,992.21	29,975	12,692 00	42,667 00	1,327,038.29	168,307 42	47,350 81
NEVADA.														
Carson City .....	1st half ..	3,799.22	2,109 25	2,153.61	140	99 00	239 00	160.00	10	4 00	14 00	6,112.83	2,619 75	937 66
Carson City .....	2d half ..	10,493.21	19,578 25	1,000.00	70	70 50	140 50	160.00	10	8 00	18 00	11,653.21	20,252 75	1,576 02
Total .....		14,292.43	21,687 50	3,153.61	210	169 50	379 50	320.00	20	12 00	32 00	17,766.04	22,872 50	2,513 68
Eureka .....	1st half ..	3,675.08	3,595 59	2,240.48	140	90 00	230 00	80.00	5	4 00	9 00	5,995.56	4,228 59	1,379 90
Eureka .....	2d half ..	5,153.71	5,660 01	2,621.52	160	129 00	289 00	.....	.....	.....	.....	7,775.23	6,430 01	1,833 14
Total .....		8,828.79	9,255 60	4,862.00	300	219 00	519 00	80.00	5	4 00	9 00	13,770.79	10,658 60	3,213 04
Grand total .....		23,121.22	30,943 10	8,015.61	510	388 50	898 50	400.00	25	16 00	41 00	31,536.83	33,531 10	5,726 72
NEW MEXICO.														
La Mesilla .....	1st half ..	3,526.30	1,469 27	3,164.18	210	279 00	489 00	2,090.77	135	60 00	195 00	8,781.25	2,471 47	1,097 08
La Mesilla .....	2d half ..	4,099.08	1,442 75	1,280.00	80	54 00	134 00	797.18	60	36 00	96 00	6,176.26	1,751 05	985 22
Total .....		7,625.38	2,912 02	4,444.18	290	333 00	623 00	2,887.95	195	96 00	291 00	14,957.51	4,222 52	2,082 30
Santa Fé .....	1st half ..	3,888.14	10,784 60	1,585.08	105	120 00	225 00	.....	.....	.....	.....	5,473.22	11,212 70	1,218 81
Santa Fé .....	2d half ..	13,769.56	18,008 64	4,159.89	250	188 96	438 96	.....	.....	.....	.....	17,929.45	19,494 60	2,156 12
Total .....		17,657.70	28,793 24	5,744.97	355	308 96	663 96	.....	.....	.....	.....	23,402.67	30,707 30	3,374 93
Grand total .....		25,283.08	31,705 26	10,189.15	645	641 96	1,286 96	2,887.95	195	96 00	291 00	38,360.18	34,929 82	5,457 23
OREGON.														
La Grande .....	1st half ..	3,971.67	5,413 10	16,130.12	1,040	1,198 09	2,238 09	16,476.74	1,025	416 00	1,441 00	36,738.53	10,158 44	3,064 55
La Grande .....	2d half ..	7,608.20	13,475 80	18,955.49	1,200	1,270 85	2,470 85	17,905.04	1,165	480 00	1,645 00	44,468.73	18,750 85	3,764 98
Total .....		11,579.87	18,888 90	35,085.61	2,240	2,468 94	4,708 94	34,381.78	2,190	896 00	3,086 00	81,207.26	28,909 29	6,829 53



No. 2.—Statement of public lands sold for cash and entered under the homestead and timber-culture acts, &c.—Continued.

States, Territories, and land offices.	Fiscal year 1880.	Sales of land for cash and amount received therefor, including cash received on commuted homesteads.		Lands entered under the homestead acts, with amount of government fees and registers' and receivers' fees and commissions received thereon, and commissions on final homesteads.				Lands entered under the timber-culture acts, with amount of government fees and registers' and receivers' commissions received thereon.				Aggregate of acres disposed of.	Aggregate amount received from all sources.	Incidental ex- penses.	
		Acres.	Amount.	Acres.	Fees.	Commis- sions.	Amount.	Acres.	Fees.	Commis- sions.	Amount.	Acres.	Amount.	Amount.	
OREGON—Cont'd.															
Lake View.....	1st half..	1, 074. 02	\$2, 174 61	3, 353. 69	\$210	\$155 76	\$365 76	953. 76	\$60	\$24 00	\$84 00	5, 381. 47	\$4, 530 25	\$3, 361 99	
Lake View.....	2d half..	640. 00	400 00	1, 818. 11	115	89 02	204 02	1, 353. 13	100	52 00	152 00	3, 811. 24	882 02	876 37	
Total .....		1, 714. 02	2, 574 61	5, 171. 80	325	244 78	569 78	2, 306. 89	160	76 00	236 00	9, 192. 71	5, 412 27	4, 238 36	
Oregon City.....	1st half..	2, 042. 12	4, 075 26	31, 428. 11	1, 650	1, 864 62	3, 514 62	.....	.....	.....	.....	33, 590. 23	8, 353 38	3, 091 00	
Oregon City.....	2d half..	1, 170. 99	2, 386 74	14, 587. 78	795	1, 083 65	1, 878 65	.....	.....	.....	.....	15, 878. 77	5, 458 64	3, 405 30	
Total .....		3, 213. 11	6, 462 00	46, 015. 89	2, 445	2, 948 27	5, 393 27	.....	.....	.....	.....	49, 469. 00	14, 817 02	6, 496 30	
Roseburg.....	1st half..	2, 162. 86	3, 514 79	15, 375. 49	840	908 52	1, 748 52	.....	.....	.....	.....	17, 538. 35	6, 444 46	2, 781 65	
Roseburg.....	2d half..	3, 496. 30	5, 617 59	8, 510. 71	500	520 44	1, 020 44	.....	.....	.....	.....	12, 167. 01	8, 604 03	3, 110 73	
Total .....		5, 659. 16	9, 132 38	23, 886. 20	1, 340	1, 428 96	2, 768 96	.....	.....	.....	.....	29, 705. 36	15, 048 49	5, 892 38	
The Dalles.....	1st half..	1, 066. 19	1, 942 52	11, 456. 79	670	798 00	1, 468 00	5, 871. 55	365	156 00	521 00	18, 394. 53	4, 378 20	2, 075 65	
The Dalles.....	2d half..	4, 870. 69	8, 052 80	17, 037. 43	1, 025	1, 380 00	2, 405 00	30, 101. 44	1, 885	784 00	2, 669 00	52, 089. 56	14, 320 80	4, 123 38	
Total .....		5, 936. 88	9, 995 32	28, 494. 22	1, 695	2, 178 00	3, 873 00	35, 972. 99	2, 250	940 00	3, 190 00	70, 484. 09	18, 699 00	6, 199 03	
Grand total .....		28, 103. 04	47, 053 21	138, 653. 72	8, 045	9, 268 95	17, 313 95	72, 661. 66	4, 600	1, 912 00	6, 512 00	240, 058. 42	81, 886 07	29, 655 60	
UTAH.															
Salt Lake City .....	1st half..	9, 234. 28	17, 606 02	35, 488. 21	2, 135	1, 693 50	3, 828 50	1, 951. 43	130	68 00	198 00	46, 913. 92	23, 190 52	4, 546 25	
Salt Lake City .....	2d half..	15, 579. 21	16, 209 10	33, 115. 34	2, 010	1, 995 00	4, 005 00	2, 092. 62	145	72 00	217 00	50, 904. 67	22, 962 85	4, 200 00	
Grand total .....		24, 813. 49	33, 815 12	68, 603. 55	4, 145	3, 688 50	7, 833 50	4, 044. 05	275	140 00	415 00	97, 818. 59	46, 153 37	8, 746 25	
WASHINGTON.															
Colfax .....	1st half..	7, 545. 46	14, 376 34	44, 913. 99	2, 700	3, 139 49	5, 839 49	32, 352. 36	2, 045	848 00	2, 893 00	84, 931. 81	24, 367 15	3, 577 33	
Colfax .....	2d half..	9, 774. 48	17, 796 23	63, 662. 25	4, 035	4, 681 71	8, 716 71	47, 474. 44	2, 990	1, 224 00	4, 214 00	120, 951. 17	32, 058 20	3, 564 80	
Total .....		17, 319. 94	32, 172 57	108, 576. 24	6, 735	7, 821 20	14, 556 20	79, 826. 80	5, 035	2, 072 00	7, 107 00	205, 882. 98	56, 425 35	7, 142 13	



Olympia .....	1st half.	3,915.29	20,752.38	32,495.56	1,950	1,912.50	3,862.50					36,410.85	25,955.50	3,086.25
Olympia .....	2d half..	4,743.90	9,464.35	13,855.75	810	1,002.00	1,812.00					18,759.65	12,106.47	3,456.61
Total .....		8,659.19	30,216.73	46,351.31	2,760	2,914.50	5,674.50					55,170.50	38,061.97	6,542.86
Vancouver .....	1st half.	1,029.08	2,968.61	16,430.91	805	1,017.72	1,822.72	2,104.24	145	72.00	217.00	19,564.23	5,438.23	2,206.98
Vancouver .....	2d half..	993.38	2,675.75	14,075.59	850	1,100.07	1,950.07	4,509.56	285	120.00	405.00	19,578.53	5,631.46	2,494.20
Total .....		2,022.46	5,644.36	30,506.50	1,655	2,117.79	3,772.79	6,613.80	430	192.00	622.00	39,142.76	11,069.69	4,701.18
Walla Walla .....	1st half.	4,950.08	6,530.79	27,470.42	1,620	1,894.50	3,514.50	19,685.16	1,265	544.00	1,809.00	52,105.66	12,953.29	3,607.50
Walla Walla .....	2d half..	12,980.99	26,410.58	27,915.67	1,710	1,986.17	3,696.17	28,418.44	1,800	752.00	2,552.00	69,315.10	34,232.65	3,663.85
Total .....		17,931.07	32,941.37	55,386.09	3,330	3,880.67	7,210.67	48,103.60	3,065	1,296.00	4,361.00	121,420.76	47,185.94	7,271.35
Grand total .....		45,932.66	100,975.03	240,820.14	14,480	16,734.16	31,214.16	34,544.26	8,530	3,560.00	12,090.00	421,617.00	152,742.95	25,657.52
WISCONSIN.														
Bayfield .....	1st half.	1,904.71	4,648.03	3,800.00	180	142.00	322.00					5,704.71	4,994.03	809.79
Bayfield .....	2d half..	6,959.55	17,298.89	2,253.52	140	127.17	267.17					9,213.07	17,706.01	1,293.60
Total .....		8,864.26	21,946.92	6,053.52	320	269.17	589.17					14,917.78	22,700.04	2,103.39
Eau Claire .....	1st half.	1,136.15	1,888.53	12,435.16	795	767.47	1,562.47					13,571.31	3,762.00	1,982.28
Eau Claire .....	2d half..	1,469.38	2,358.87	9,507.88	640	809.61	1,449.61					10,977.26	4,139.38	1,837.90
Total .....		2,605.53	4,247.40	21,943.04	1,435	1,577.08	3,012.08					24,548.57	7,901.38	3,820.18
Falls St. Croix .....	1st half.	614.47	1,178.33	8,976.27	550	794.36	1,344.36					9,590.74	2,814.99	1,734.77
Falls St. Croix .....	2d half..	545.55	1,045.69	8,677.53	585	610.69	1,195.69					9,223.08	2,539.68	1,532.31
Total .....		1,160.02	2,224.02	17,653.80	1,135	1,405.05	2,540.05					18,813.82	5,354.67	3,267.08
La Crosse .....	1st half.	1,341.87	1,963.06	8,624.04	590	541.43	1,131.43					9,965.91	3,227.29	1,213.48
La Crosse .....	2d half..	2,617.24	4,284.48	5,257.23	400	423.01	823.01					7,874.47	5,230.59	1,131.76
Total .....		3,959.11	6,247.54	13,881.27	990	964.44	1,954.44					17,840.38	8,457.88	2,345.24
Menasha .....	1st half.	9,468.43	12,035.58	14,338.80	970	415.39	1,385.39					23,807.23	13,615.55	1,406.09
Menasha .....	2d half..	20,336.47	25,520.64	11,181.80	745	327.26	1,072.26					31,518.27	26,991.00	1,878.33
Total .....		29,804.90	37,556.22	25,520.60	1,715	742.65	2,457.65					55,325.50	40,606.55	3,284.42
Wausau .....	1st half.	1,764.04	2,205.06	15,095.34	1,090	702.47	1,792.47					16,859.38	4,242.18	1,635.03
Wausau .....	2d half..	4,173.16	5,585.98	14,594.57	1,025	642.63	1,667.63					18,767.73	7,457.36	1,463.29
Total .....		5,937.20	7,791.04	29,689.91	2,115	1,345.10	3,460.10					35,637.11	11,199.54	3,098.32
Grand total .....		52,331.02	80,013.14	114,74.214	7,710	6,303.49	14,012.49					167,073.16	96,720.06	17,918.63



No. 2.—Statement of public lands sold for cash and entered under the homestead and timber-culture acts, &amp;c.—Continued.

States, Territories, and land offices.	Fiscal year 1880.	Sales of land for cash and amount received therefor, including cash received on commuted homesteads.		Lands entered under the homestead acts, with amount of government fees and registers' and receivers' fees and commissions received thereon, and commissions on final homesteads.				Lands entered under the timber-culture acts, with amount of government fees and registers' and receivers' commissions received thereon.				Aggregate of acres disposed of.	Aggregate amount received from all sources.	Incidental ex- penses.
		Acres.	Amount.	Acres.	Fees.	Commis- sions.	Amount.	Acres.	Fees.	Commis- sions.	Amount.	Acres.	Amount.	Amount.
WYOMING.														
Cheyenne .....	1st half.	12, 564. 37	\$4, 535 25	2, 914. 19	\$170	\$150 00	\$320 00	.....	.....	.....	.....	15, 478. 56	\$4, 927 25	\$897 75
Cheyenne .....	2d half..	18, 028. 76	6, 698 18	4, 309. 12	280	270 00	550 00	240. 00	\$15	\$8 00	\$23 60	22, 577. 88	7, 436 18	947 96
Total .....	.....	30, 593. 13	11, 233 43	7, 223. 31	450	420 00	870 00	240. 00	15	8 00	23 00	33, 056. 44	12, 363 43	1, 845 71
Evanston .....	1st half.	4, 436. 62	1, 304 61	638. 33	40	30 00	70 00	.....	.....	.....	.....	5, 074. 95	1, 587 81	1, 116 38
Evanston .....	2d half..	640. 00	160 00	475. 44	30	30 00	60 00	.....	.....	.....	.....	1, 115. 44	244 00	615 69
Total .....	.....	5, 076. 62	1, 464 61	1, 113. 77	70	60 00	130 00	.....	.....	.....	.....	6, 190. 39	1, 831 81	1, 732 07
Grand total ....	.....	35, 669. 75	12, 698 04	8, 337. 08	520	480 00	1, 000 00	240. 00	15	8 00	23 00	44, 246. 83	14, 195 24	3, 577 78



RECAPITULATION, FISCAL YEAR 1880.

States and Territories.	1		2				3				4	5	6
	Acres.	Amount.	Acres.	Fees.	Commissions.	Amount.	Acres.	Fees.	Commissions.	Amount.	Aggregate of acres disposed of.	Aggregate amount received from all sources.	Incidental expenses.
Alabáma .....	39,494.64	\$52,167 79	310,885.72	\$21,125 470	\$11,119 89	\$32,244 89	719.65	\$55	\$24 00	\$79 00	350,420.36	\$85,599 18	\$14,819 56
Arizona .....	8,550.55	16,243 80	7,636.89	25,755	13,355 43	39,310 43	17,067.09	895	432 00	1,327 00	17,067.09	18,533 73	4,387 17
Arkansas .....	18,969.44	26,425 39	372,437.52	13,956	16,060 04	30,016 04	391,566.96	1,890	832 00	2,722 00	362,791.54	68,471 07	23,843 79
California .....	111,852.88	191,239 00	228,784.18	5,962	6,818 40	12,780 40	13,318.06	54,865	22,256 00	77,121 00	362,791.54	242,201 39	51,172 16
Colorado .....	59,074.65	97,890 70	98,092.26	83,686	44,607 74	128,293 74	29,269.83	1,890	832 00	2,722 00	187,796.74	133,585 43	32,514 18
Dakota .....	62,797.95	119,523 78	1,326,945.66	5,780	3,221 16	9,001 16	868,749.39	54,865	22,256 00	77,121 00	2,268,809.24	347,282 43	25,881 15
Florida .....	8,770.99	13,230 30	86,213.82	5,780	3,221 16	9,001 16	95,862.80	1,540	704 00	2,244 00	22,955 35	22,955 35	7,501 49
Idaho .....	33,602.40	35,049 89	63,341.12	4,115	3,547 50	7,662 50	120,322.56	375	268 00	643 00	48,806 61	48,806 61	14,137 06
Iowa .....	1,200.00	1,650 00	3,134.78	220	980 94	1,200 94	9,049.83	26,640	11,414 00	38,104 00	5,378 84	5,378 84	5,094 83
Kansas .....	34,003.80	63,079 21	1,061,512.77	65,060	49,132 53	114,192 53	1,524,905.26	5	4 00	9 00	244,971 34	244,971 34	60,565 60
Louisiana .....	9,841.65	13,440 35	81,525.24	5,250	2,826 82	8,076 82	92,680.08	29,975	12,692 00	42,667 00	21,807 49	21,807 49	7,081 94
Michigan .....	91,952.73	121,469 48	118,387.66	7,875	6,200 58	14,075 83	137,708.15	8,235	3,660 00	11,895 60	137,708 45	137,708 45	15,279 68
Minnesota .....	41,183.29	78,206 30	682,408.06	40,650	36,223 34	76,873 34	852,266.71	400.00	195	96 00	188,413 36	188,413 36	52,346 26
Mississippi .....	9,826.26	12,287 67	55,901.28	3,880	1,771 00	5,651 00	66,287.06	2,887.95	1,912 00	6,512 00	18,102 32	18,102 32	4,909 96
Missouri .....	6,461.37	8,560 44	92,046.17	6,680	3,935 41	10,615 41	98,587.54	460	244 00	704 00	20,897 04	20,897 04	9,500 51
Montana .....	62,618.79	41,549 99	40,514.98	2,455	2,842 50	5,297 50	109,969.09	29,975	12,692 00	42,667 00	49,938 49	49,938 49	9,018 20
Nebraska .....	15,284.98	26,366 91	826,441.10	50,910	36,474 84	87,384 84	1,327,038.29	482,902.21	29,975	12,692 00	168,307 42	168,307 42	47,350 81
Nevada .....	23,121.22	30,943 10	8,015.61	510	388 50	898 50	31,536.83	400.00	25	16 00	33,531 10	33,531 10	5,726 72
New Mexico .....	25,283.08	31,705 26	10,189.15	645	619 96	1,264 96	38,360.18	2,887.95	195	96 00	34,929 82	34,929 82	5,457 23
Oregon .....	28,103.04	47,053 21	138,653.72	8,045	9,268 95	17,313 95	240,058.42	72,661.66	4,600	1,912 00	81,886 07	81,886 07	29,655 60
Utah .....	24,813.49	33,815 12	68,603.55	4,145	3,688 50	7,833 50	97,818.59	4,044.05	275	140 00	46,153 37	46,153 37	8,746 25
Washington .....	45,932.66	100,975 03	240,820.14	14,480	16,734 16	31,214 16	12,090 00	134,544.20	8,530	3,560 00	152,742 95	152,742 95	25,657 52
Wisconsin .....	52,331.02	80,013 14	114,742.14	7,710	6,303 49	14,013 49	167,073.16	240.00	15	8 00	96,720 06	96,720 06	17,918 63
Wyoming .....	35,669.75	12,698 04	8,337.08	520	480 00	1,000 00	44,246.83			23 00	14,195 24	14,195 24	3,577 78
Grand total...	850,740.63	1,255,583 90	6,045,570.60	379,884	277,331 18	657,215 18	2,193,184.12	138,575	58,312 00	196,887 00	9,166,918.31	2,283,118 55	482,143 68

NOTE.—Columns Nos. 4 and 5 include area located with military bounty land warrants and agricultural college scrip, and the amount of fees received thereon.

DEPARTMENT OF THE INTERIOR, GENERAL LAND OFFICE, September 30, 1880.

THE GENERAL LAND OFFICE.



## SWAMP LANDS.

No. 3.—*Statement exhibiting the quantity of land selected for the several States under acts of Congress approved March 2, 1849, September 28, 1850 (Revised Statutes of the United States, section 2479), and March 12, 1850 (Revised Statutes of the United States, section 2490), up to and ending June 30, 1880.*

States.	Third quarter of 1879.	Fourth quarter of 1879.	First quarter of 1880.	Second quarter of 1880.	Year ending June 30, 1880.	Total since date of grant.
	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>
Alabama .....						479, 514. 44
Arkansas .....			40. 00		40. 00	8, 652, 472. 93
California .....	160. 00		109. 51		269. 51	1, 736, 432. 87
Florida .....						15, 656, 859. 23
Illinois .....						3, 267, 470. 65
Indiana .....						1, 354, 732. 50
Iowa .....						3, 449, 720. 18
Louisiana (act of 1849) .....						10, 817, 830. 88
Louisiana (act of 1850) .....						543, 339. 13
Michigan .....		40. 00		40. 00	80. 00	7, 273, 804. 72
Minnesota .....	48, 461. 63		28, 015. 92		76, 477. 55	3, 755, 073. 33
Mississippi .....						3, 070, 645. 29
Missouri .....				13, 612. 03	13, 612. 03	4, 719, 256. 00
Ohio .....						54, 458. 14
Oregon .....			34, 855. 64	86, 053. 53	120, 909. 17	174, 205. 92
Wisconsin .....				36. 27	36. 27	4, 200, 705. 85
Total .....	48, 621. 63	40. 00	63, 021. 07	99, 741. 83	211, 424. 53	69, 206, 522. 06

No. 4.—*Statement exhibiting the quantity of land approved to the several States under acts of Congress approved March 2, 1849, September 28, 1850 (Revised Statutes of the United States, section 2479), and March 12, 1850 (Revised Statutes of the United States, section 2490), up to and ending June 30, 1880.*

States.	Third quarter of 1879.	Fourth quarter of 1879.	First quarter of 1880.	Second quarter of 1880.	Year ending June 30, 1880.	Total since date of grant.
	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>
Alabama .....						400, 434. 78
Arkansas .....			611. 42	40. 00	651. 42	7, 634, 806. 98
California .....	160. 00		109. 51		269. 51	1, 592, 321. 19
Florida .....		2, 819, 662. 22			2, 819, 662. 22	14, 617, 099. 20
Illinois .....						1, 492, 979. 43
Indiana .....						1, 264, 833. 13
Iowa .....			511. 33		511. 33	924, 783. 86
Louisiana (act of 1849) .....		86. 60			86. 60	8, 291, 311. 91
Louisiana (act of 1850) .....	158. 48	540. 59			699. 07	240, 430. 65
Michigan .....			40. 00	80. 00	120. 00	5, 721, 116. 63
Minnesota .....	1, 633. 11	136, 287. 20	294, 136. 81	35, 885. 37	467, 942. 49	1, 955, 736. 96
Mississippi .....						3, 068, 642. 31
Missouri .....		4, 506. 38		1, 278. 33	5, 784. 71	4, 454, 023. 91
Ohio .....						25, 660. 71
Oregon .....						4, 449. 54
Wisconsin .....						3, 139, 719. 24
Total .....	1, 951. 59	2, 961, 082. 99	295, 409. 07	37, 283. 70	3, 295, 727. 35	54, 828, 350. 43



No. 5.—Statement exhibiting the quantity of land patented to the several States under the acts of Congress approved September 23, 1850 (Revised Statutes of the United States, section 2479), and March 12, 1830 (Revised Statutes of the United States, section 2490), and also the quantity certified to the State of Louisiana under act approved March 2, 1849.

States.	Third quarter of 1879.	Fourth quarter of 1879.	First quarter of 1880.	Second quarter of 1880.	Year ending June 30, 1880.	Total since date of grant.
	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.
Alabama.....						395, 315. 09
Arkansas.....			8, 161. 42		8, 161. 42	7, 130, 114. 90
California.....		160. 00			160. 00	1, 413, 553. 71
Florida.....	916, 276. 68	536, 995. 15	2, 282, 667. 07		3, 735, 938. 90	14, 500, 851. 86
Illinois.....		152. 18	240. 00		392. 18	*1, 454, 283. 85
Indiana.....						†1, 257, 588. 41
Iowa.....			40. 00		40. 00	‡1, 173, 995. 74
Louisiana (act of 1849).....		86. 60			86. 60	8, 291, 311. 91
Louisiana (act of 1850).....		699. 07			699. 07	217, 973. 91
Michigan.....			1, 399. 95		1, 399. 95	§5, 659, 217. 14
Minnesota.....						1, 359, 886. 32
Mississippi.....						2, 681, 383. 16
Missouri.....		10, 970. 87			10, 970. 87	3, 315, 170. 24
Ohio.....						25, 640. 71
Oregon.....						4, 449. 54
Wisconsin.....	40. 00				40. 00	¶3, 071, 459. 61
Total.....	916, 316. 68	549, 063. 87	2, 292, 508. 44		3, 757, 888. 99	51, 952, 196. 10

\* 2,309.07 acres of this contained in indemnity patents under act of March 2, 1855.  
† 4,880.20 acres of this contained in indemnity patents under act of March 2, 1855.  
‡ 321,468.23 acres of this contained in indemnity patents under act of March 2, 1855.  
§ 18,903.93 acres of this contained in indemnity patents under act of March 2, 1855.  
|| 37,062.23 acres of this contained in indemnity patents under act of March 2, 1855.  
¶ 34,910.75 acres of this contained in indemnity patents under act of March 2, 1855.



No. 6.—*Condition of bounty-land business under acts of 1847, 1850, 1852, and 1855, showing the issues and locations with bounty-land warrants and the number outstanding from the commencement of operations under said acts to June 30, 1880.*

Grade of warrants.	Number issued.	Acres embraced thereby.	Number located.	Acres embraced thereby.	Number outstanding.	Acres embraced thereby.
Act of 1847, 160 acres .....	80, 666	12, 906, 560	78, 984	12, 637, 440	1, 682	269, 120
Act of 1847, 40 acres .....	7, 583	303, 320	7, 070	282, 800	513	20, 520
Total .....	88, 249	13, 209, 880	86, 054	12, 920, 240	2, 195	289, 640
Act of 1850, 160 acres .....	27, 438	4, 390, 080	26, 793	4, 286, 880	645	103, 200
Act of 1850, 80 acres .....	57, 712	4, 616, 960	56, 210	4, 496, 800	1, 502	120, 160
Act of 1850, 40 acres .....	103, 971	4, 158, 840	100, 526	4, 021, 040	3, 445	137, 800
Total .....	189, 121	13, 165, 880	183, 529	12, 804, 720	5, 592	361, 160
Act of 1852, 160 acres .....	1, 223	195, 680	1, 192	190, 720	31	4, 960
Act of 1852, 80 acres .....	1, 698	135, 840	1, 661	132, 880	37	2, 960
Act of 1852, 40 acres .....	9, 065	362, 600	8, 874	354, 960	191	7, 640
Total .....	11, 986	694, 120	11, 727	678, 560	259	15, 560
Act of 1855, 160 acres .....	114, 519	18, 323, 040	108, 648	17, 383, 680	5, 871	939, 360
Act of 1855, 120 acres .....	96, 977	11, 637, 240	90, 352	10, 842, 240	6, 625	795, 000
Act of 1855, 100 acres .....	6	600	5	500	1	100
Act of 1855, 80 acres .....	49, 431	3, 954, 480	48, 876	3, 830, 080	1, 555	124, 400
Act of 1855, 60 acres .....	359	21, 540	310	18, 600	49	2, 940
Act of 1855, 40 acres .....	540	21, 600	465	18, 600	75	3, 000
Act of 1855, 10 acres .....	5	50	3	30	2	20
Total .....	261, 837	33, 958, 550	247, 659	32, 093, 730	14, 178	1, 864, 820
SUMMARY.						
Act of 1847 .....	88, 249	13, 209, 880	86, 054	12, 920, 240	2, 195	289, 640
Act of 1850 .....	189, 121	13, 165, 880	183, 529	12, 804, 720	5, 592	361, 160
Act of 1852 .....	11, 986	694, 120	11, 727	678, 560	259	15, 560
Act of 1855 .....	261, 837	33, 958, 550	247, 659	32, 093, 730	14, 178	1, 864, 820
Total .....	551, 193	61, 028, 430	528, 969	58, 497, 250	22, 224	2, 531, 180

DEPARTMENT OF THE INTERIOR, GENERAL LAND OFFICE,  
October, 1880.



No. 7.—Statement exhibiting land concessions by acts of Congress to States and corporations for railroads and military wagon road purposes from the year 1850 to June 30, 1880.

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States.	Date of laws.	Statutes.	Page.	Name of road.	Mile limits.	Number of acres certified or patented for the year ending June 30, 1880.	Number of acres certified or patented up to June 30, 1880.
Illinois .....	Sept. 20, 1850	9	466	Illinois Central .....	6 and 15	}	2, 595, 053. 00
Do .....	Sept. 20, 1850	9	466	Mobile and Chicago .....	6 and 15		
Mississippi .....	Sept. 20, 1850	9	466	Mobile and Ohio River .....	6 and 15		*737, 130. 29
Do .....	Aug. 11, 1856	11	30	Vicksburg and Meridian .....	6 and 15		198, 027. 82
Do .....	Aug. 11, 1856	11	30	Gulf and Ship Island .....	6 and 15		
Alabama .....	Sept. 20, 1850	9	466	Mobile and Ohio River .....	6 and 15		419, 528. 44
Do .....	May 17, 1856	11	15	Alabama and Florida .....	6 and 15		394, 522. 99
Do .....	June 3, 1856	11	17	Selma, Rome and Dalton .....	6 and 15		457, 407. 37
Do .....	May 23, 1872	17	159	Act confirming lands heretofore certified to the State for the Alabama and Tennessee Railroad.			
Do .....	June 3, 1856	11	17	Coosa and Tennessee .....	6 and 15		†67, 784. 96
Do .....	June 3, 1856	11	17	Mobile and Girard .....	6 and 15		†504, 145. 86
Do .....	June 3, 1856	11	17	Alabama and Chattanooga .....	6 and 15	1, 025. 90	553, 581. 34
Do .....	Apr. 10, 1869	16	45	Act to renew certain grants of land to the State of Alabama .....			
Do .....	June 3, 1856	11	17	South and North Alabama .....	6 and 15		433, 600. 80
Do .....	Mar. 3, 1857	11	200	Act amending the sixth section of original act .....			
Do .....	Mar. 3, 1871	16	580	Act to renew certain grants of land to the State of Alabama .....			
Florida .....	May 17, 1856	11	15	Florida Railroad .....	6 and 15		281, 984. 17
Do .....	May 17, 1856	11	15	Florida and Alabama .....	6 and 15		165, 688. 00
Do .....	May 17, 1856	11	15	Pensacola and Georgia .....	6 and 15		†1, 275, 212. 93
Do .....	May 17, 1856	11	15	Florida, Atlantic and Gulf Central .....	6 and 15		†37, 583. 29
Louisiana .....	June 3, 1856	11	18	North Louisiana and Texas .....	6 and 15		†353, 211. 70
Do .....	June 3, 1856	11	18	New Orleans, Opelousas and Great Western .....	6 and 15		†719, 193. 79
Do .....	July 14, 1870	16	277	Act declaring forfeited to the United States all the lands not lawfully disposed of by the State.			
Arkansas .....	Feb. 9, 1853	10	155	Saint Louis, Iron Mountain and Southern .....	6 and 15		1, 115, 408. 41
Do .....	July 28, 1866	14	338	do .....	Additional 5		207, 681. 08
Do .....	May 6, 1870	16	376	Resolution extending the time for completion of first twenty miles of road .....			
Do .....	Feb. 9, 1853	10	155	Little Rock and Fort Smith .....	6 and 15		550, 520. 18
Do .....	July 28, 1866	14	338	do .....	Additional 5		366, 196. 26
Do .....	Apr. 10, 1869	16	46	Act extending time for completion of twenty miles of road .....			
Do .....	Mar. 8, 1870	16	76	Act repealing provision in act of April 10, 1869, as to mode of sales of lands .....			

\* In the adjustment of this grant, the road was treated as an entirety, and without reference to the State line; hence Alabama has approved to her more and Mississippi less land than they would appear to be entitled to in proportion to the length of road line in the respective States.  
† No evidence of the construction of any part of these roads, as required by the acts, having been filed in the General Land Office, the grants are presumed to have lapsed, but the lands have not been restored to the mass of public lands, Congress having taken no action to that end.  
‡ Lands earned by the construction of eighty miles of road prior to June 3, 1866, 51,452.03 acres.  
‡ Lands within the limits of New Orleans, Baton Rouge and Shreveport Railroad grant of March 3, 1871, 227,879.94 acres.  
‡ Lands restored to market March, 1873, under the act of July 14, 1870, 439,861.82 acres.



States.	Date of laws.	Statutes.	Page.	Name of road.	Mile limits.	Number of acres certified or patented for the year ending June 30, 1880.	Number of acres certified or patented up to June 30, 1880.
Arkansas.....	Feb. 9, 1853	10	155	Memphis and Little Rock.....	6 and 15	.....	127, 238. 51
Do.....	July 28, 1866	14	338	do.....	Additional 5	.....	14, 606. 19
Do.....	July 4, 1866	14	83	Saint Louis and Iron Mountain.....	10 and 20	.....	.....
Missouri.....	June 10, 1852	10	8	Southwest Branch of the Pacific Road.....	6 and 15	.....	1, 161, 204. 51
Do.....	June 5, 1862	12	422	Act extending the time for completion of road for ten years.....	.....	.....	.....
Do.....	June 10, 1852	10	8	Hannibal and Saint Joseph.....	6 and 15	.....	603, 506. 34
Do.....	Feb. 9, 1853	10	155	Saint Louis, Iron Mountain and Southern.....	6 and 15	.....	63, 294. 17
Do.....	July 28, 1866	14	338	do.....	Additional 5	.....	.....
Do.....	July 4, 1866	14	83	Saint Louis and Iron Mountain.....	10 and 20	.....	.....
Iowa.....	May 15, 1856	11	9	Burlington and Missouri River.....	6 and 15	.....	292, 170. 80
Do.....	June 2, 1864	13	96	do.....	20	.....	96, 646. 55
Do.....	Feb. 10, 1866	14	349	Resolution extending the time for completion of road.....	.....	.....	.....
Do.....	May 15, 1856	11	9	Chicago, Rock Island and Pacific.....	6 and 15	.....	*482, 094. 36
Do.....	June 2, 1864	13	98	do.....	20	.....	161, 212. 81
Do.....	Jan. 31, 1873	17	421	Act to quiet the title to certain lands in the State of Iowa.....	.....	.....	.....
Do.....	June 15, 1878	20	133	Act to restore certain lands in Iowa to settlement under the homestead law, &c. }	.....	.....	.....
Do.....	May 15, 1856	11	9	Cedar Rapids and Missouri River.....	6 and 15	.....	*782, 069. 83
Do.....	June 2, 1864	13	96	do.....	20	.....	358, 423. 70
Do.....	May 15, 1856	11	9	Dubuque and Sioux City.....	6 and 15	120. 00	*550, 467. 96
Do.....	June 2, 1864	13	98	Act authorizing said road to change its line.....	.....	.....	.....
Do.....	Mar. 2, 1868	15	38	Act extending the time for completion of road to January 1, 1872.....	.....	.....	.....
Do.....	May 15, 1856	11	9	Iowa Falls and Sioux City.....	6 and 15	.....	683, 023. 80
Do.....	Ang. 8, 1846	9	77	Des Moines Valley.....	5	440. 41	569, 001. 61
Do.....	July 12, 1862	12	543	McGregor and Missouri River.....	10 and 20	.....	138, 284. 69
Do.....	May 12, 1864	13	72	Chicago, Milwaukee and Saint Paul.....	10 and 20	112, 778. 55	112, 778. 55
Do.....	May 12, 1864	13	72	Sioux City and Saint Paul.....	10 and 20	.....	396, 998. 80
Do.....	May 12, 1864	13	72	Port Huron and Lake Michigan.....	6 and 15	.....	37, 427. 43
Michigan.....	June 3, 1856	11	21	Joint resolution releasing the reversionary claim and interest of the United States in and to certain lands in Michigan.....	.....	.....	.....
Do.....	Mar. 3, 1879	20	490	Jackson, Lansing and Saginaw.....	6 and 15	.....	743, 009. 36
Do.....	June 3, 1856	11	21	Act extending the time for completion of road seven years, &c.....	.....	.....	.....
Do.....	July 3, 1866	14	78	Act extending the time for completion of first twenty miles of road.....	.....	.....	.....
Do.....	Mar. 2, 1867	14	425	Act authorizing change of northern terminus from Traverse Bay to Straits of Maekinac, and for other purposes.....	.....	.....	.....
Do.....	Mar. 3, 1871	16	586	Flint and Pere Marquette.....	6 and 15	.....	512, 337. 03
Do.....	June 3, 1856	11	21	Resolution extending time for completion of road.....	.....	.....	.....
Do.....	Feb. 17, 1865	13	569	Act authorizing the company to change its western terminus of road.....	.....	.....	.....
Do.....	July 3, 1866	14	78	Act extending time for completion of road five years.....	.....	.....	.....
Do.....	Mar. 3, 1871	16	582	.....	.....	.....	.....



Do.....	June 3, 1856	11	21	Grand Rapids and Indiana.....	6 and 15	.....	629, 993 11
Do.....	June 7, 1864	13	119	Grand Rapids and Indiana from Fort Wayne, Ind., to Grand Rapids.....	6 and 20	.....	222, 967 01
Do.....	Mar. 3, 1865	13	520	Act extending time for completion of road eight years.....			
Do.....	June 3, 1856	11	21	Marquette, Houghton and Ontonagon.....	6 and 15	{	437, 385 00
Do.....	Mar. 3, 1865	13	521	do.....	20		
Do.....	May 20, 1868	15	252	Resolution extending time for completion of road, &c.....			
Do.....	Apr. 20, 1871	17	643	Act authorizing the Houghton and Ontonagon Railroad Company to resurvey and locate anew a part of its road.....			
Do.....	Mar. 3, 1865	13	521	Bay de Noquet and Marquette.....	200 sections	.....	128, 000. 00
Do.....	July 5, 1862	12	620	Chicago and Northwestern.....	6 and 15	{	517, 914. 15
Do.....	Mar. 3, 1865	13	520	do.....	20		
Do.....	May 23, 1872	17	160	Act authorizing change of route in Michigan.....		46. 00	
Wisconsin.....	June 3, 1856	11	20	Chicago, Saint Paul and Minneapolis, formerly West Wisconsin.....	6 and 15	.....	327, 903. 69
Do.....	May 5, 1864	13	66	do.....	10 and 20	.....	474, 913. 20
Do.....	Mar. 3, 1873	17	634	Act to quiet the title to the lands of the settlers on lands claimed by the West Wisconsin Railway Company.....			
Do.....	June 3, 1856	11	20	Wisconsin Railroad Farm-Mortgage Land Company.....			40, 049. 11
Do.....	July 27, 1868	15	238	Act amendatory of the original act.....			
Do.....	June 3, 1856	11	20	Saint Croix and Lake Superior.....	6 and 15	.....	524, 538. 15
Do.....	May 5, 1864	13	66	do.....	10 and 20	.....	
Do.....	June 3, 1856	11	20	Branch to Bayfield.....	6 and 15	.....	318, 959. 41
Do.....	May 5, 1864	13	66	do.....	10 and 20	.....	
Do.....	June 3, 1856	11	20	Chicago and Northwestern.....	6 and 15	.....	545, 575. 76
Do.....	Apr. 25, 1862	12	618	Resolution authorizing change of route in Wisconsin, &c.....			
Do.....	Mar. 3, 1865	13	520	Act extending time for completion of road five years.....			
Do.....	Mar. 3, 1869	15	397	Authorizing selections of lands along the full extent of original route of road.....			
Do.....	May 5, 1864	13	66	Wisconsin Central.....	10 and 20	.....	575, 844. 56
Do.....	June 21, 1866	14	360	Resolution explanatory of the act of May 5, 1864, and authorizing certain changes of width, in accordance with the act of the State legislature.....			
Do.....	Apr. 9, 1874	18	28	Act to extend the time for completion of road to December 31, 1876.....			
Minnesota.....	Mar. 3, 1857	11	195	First Division, Saint Paul and Pacific.....	6 and 15	.....	466, 403. 48
Do.....	Mar. 3, 1865	13	526	do.....	10 and 20	2, 597. 26	784, 642. 66
Do.....	Mar. 3, 1873	17	631	Act extending time for completion of road nine months.....			
Do.....	Mar. 3, 1857	11	195	Western Railroad, formerly Brainard Branch Saint Paul and Pacific.....	6 and 15	.....	436, 695. 16
Do.....	Mar. 3, 1865	13	526	do.....	10 and 20	.....	† 222, 649. 57
Do.....	July 12, 1862	12	624	Resolution authorizing the State to change the branch line under certain conditions.....			
Do.....	Mar. 3, 1871	16	588	Saint Paul, Minneapolis and Manitoba.....	10 and 20	.....	780, 291. 75
Do.....	Mar. 3, 1873	17	631	Act extending time for completion of road nine months.....			
Do.....	June 22, 1874	18	203	Act extending time for completion of road to March 3, 1876, &c.....			
Do.....	Mar. 3, 1857	11	195	Minnesota Central.....	6 and 15	.....	173, 456. 08
Do.....	Mar. 3, 1865	13	526	do.....	10 and 20	.....	3, 279. 93
Do.....	Mar. 3, 1857	11	195	Winona and Saint Peter.....	6 and 15	.....	341, 563. 48
Do.....	Mar. 3, 1865	13	526	do.....	10 and 20	.....	1, 326, 444. 42
Do.....	July 13, 1866	14	97	Act allowing selections within twenty miles of road in lieu of lands sold after definite location but prior to withdrawal, &c.....			
Do.....	Jan. 13, 1873	17	409	Act extending the time for completion of road.....			

\* Includes 35,685.49 acres of the Chicago, Rock Island and Pacific Railroad; 109,756.85 acres of the Cedar Rapids and Missouri River Railroad, and 77,535.22 acres of the Dubuque and Sioux City Railroad, situated in the old Des Moines River grant of August, 1846, which amounts are a loss to the roads by the decision of the United States Supreme Court in the case of Wolcott vs. Des Moines Company (5 Wallace, 681).

† Includes 89,383.87 acres heretofore certified to the State of Minnesota for the Brainard branch.



Statement exhibiting land concessions by acts of Congress to States and corporations, &c.—Continued.

State.	Date of laws.	Statutes.	Page.	Name of road.	Mile limits	Number of acres certified or patented for the year ending June 30, 1880.	Number of acres certified or patented up to June 30, 1880.
Minnesota .....	Mar. 3, 1857	11	195	Saint Paul and Sioux City .....	6 and 15	.....	959, 319. 24
Do .....	May 12, 1864	13	74	do .....	10 and 20	508. 94	241, 038. 77
Do .....	July 13, 1866	14	97	Act extending the time for completion of road seven years .....	10 and 20	.....	860, 564. 09
Do .....	May 5, 1864	13	64	Lake Superior and Mississippi .....	10 and 20	.....	.....
Do .....	July 13, 1866	14	93	Act authorizing the railroad company to make up deficiency of land within thirty miles of west line of road. ....	10 and 20	169, 553. 12	454, 956. 86
Do .....	July 4, 1866	14	87	Southern Minnesota extension .....	10 and 20	55, 387. 85	225, 178. 66
Do .....	July 13, 1866	14	97	Amendatory act .....	10 and 20	.....	*256, 281. 66
Do .....	July 4, 1866	14	87	Hastings and Dakota .....	10 and 20	.....	.....
Do .....	July 13, 1866	14	97	Amendatory act .....	10 and 20	.....	.....
Kansas .....	Mar. 3, 1863	12	772	Leavenworth, Lawrence and Galveston .....	10 and 20	.....	.....
Do .....	July 1, 1864	13	339	Act authorizing change of route of branch line .....	10 and 20	.....	.....
Do .....	Apr. 10, 1871	17	5	Act authorizing the company to relocate a portion of its road .....	10 and 20	.....	.....
Do .....	July 24, 1876	19	101	Act declaring a portion of the grant forfeited .....	10 and 20	.....	*658, 068. 13
Do .....	Mar. 3, 1863	12	772	Missouri, Kansas and Texas .....	10 and 20	.....	.....
Do .....	July 1, 1864	13	339	Act extending grant from Emporia to a point near Fort Riley .....	10 and 20	.....	2, 474, 686. 47
Do .....	July 26, 1866	14	289	Act making grant from Fort Riley to the southern boundary of the State .....	10 and 20	8, 801. 39	461, 813. 24
Do .....	Mar. 3, 1863	12	772	Atchison, Topeka and Santa Fé .....	10 and 20	.....	†21, 341. 77
Do .....	July 23, 1866	14	210	Saint Joseph and Denver City .....	10 and 20	.....	.....
Do .....	July 25, 1866	14	236	Missouri River, Fort Scott and Gulf .....	10 and 20	.....	.....
Do .....	Mar. 3, 1877	19	404	An act to secure the rights of settlers upon certain railroad lands, and to repeal the first five sections of an act granting lands to the State of Kansas to aid in the construction of the Kansas and Neosho Valley Railroad, &c. ....	10 } 20 }	.....	1, 859, 474. 59
Corporations .....	July 1, 1862	12	489	Union Pacific from Omaha, Nebr., to a point near Ogden, in Utah Territory ..	10 } 20 }	.....	.....
Do .....	July 2, 1864	13	356	Union Pacific .....	10 } 20 }	.....	.....
Do .....	July 3, 1866	14	79	Act authorizing location of Union Pacific Railroad from Omaha westward ..	10 } 20 }	.....	.....
Do .....	July 26, 1866	14	367	Resolution granting right of way through military reserve, &c .....	10 } 20 }	.....	.....
Do .....	Apr. 10, 1869	16	56	Resolution for the protection of the interests of the United States in the Union Pacific and Central Pacific Railroad, and providing that the common terminus of the road shall be at or near Ogden, Utah Territory, &c. ....	10 } 20 }	.....	.....
Do .....	May 6, 1870	16	121	Act fixing the point of junction of the Union Pacific and Central Pacific Railroads, &c. ....	10 } 20 }	.....	.....
Do .....	May 7, 1878	20	56	An act-amendatory of the acts of July 1, 1862, and July 2, 1864 .....	10 } 20 }	.....	.....
Do .....	July 1, 1862	12	489	Central Pacific .....	10 } 20 }	.....	.....
Do .....	July 2, 1864	13	356	do .....	10 } 20 }	.....	.....
Do .....	July 3, 1866	14	79	An act authorizing location of Central Pacific Railroad eastward .....	10 } 20 }	.....	.....
Do .....	Apr. 10, 1869	16	56	Resolution for the protection of the interest of the United States in the Central Pacific and Union Pacific Railroads, and providing that the common terminus of the road shall be at or near Ogden, Utah Territory, &c. ....	10 } 20 }	.....	.....
Do .....	May 6, 1870	16	121	Act fixing the point of junction of the Central Pacific and Union Pacific Railroads. ....	10 } 20 }	.....	.....
Do .....	May 7, 1878	20	56	An act amendatory of the acts of July 1, 1862, and July 2, 1864 .....	10 } 20 }	.....	.....



Do.....	July 1, 1862	12	489	Central Pacific, successor by consolidation with Western Pacific.....	10	}	424, 727. 58
Do.....	July 2, 1864	13	356	Central Pacific.....	20		
Do.....	Mar. 3, 1865	13	594	Act ratifying the assignment made by the Central Pacific Railroad Company to the Western Pacific Railroad Company of that portion from San José to the city of Sacramento.....			
Do.....	May 21, 1866	14	356	Resolution extending the time for completion of twenty miles of Western Pacific Railroad upon certain conditions.....			
Do.....	July 1, 1862	12	489	Central Branch, Union Pacific.....	10	}	1, 154. 71
Do.....	July 2, 1864	13	356	do.....	20		
Do.....	July 1, 1862	12	489	Kansas Pacific.....	10	}	12, 950. 43
Do.....	July 2, 1864	13	356	do.....	20		
Do.....	July 3, 1866	14	79	Act requiring the company to designate route before December 1, 1866.....			
Do.....	May 7, 1866	14	355	Resolution extending time for completion of road.....			
Do.....	Mar. 6, 1868	15	39	Act restoring the even-numbered sections on line of Pacific Railroads and branches at \$2.50 per acre.....			
Do.....	Mar. 3, 1869	15	324	Act extending the Union Pacific Railway, eastern division line of road to Denver City, and authorizing transfer of lands by said company to the Denver Pacific Railroad Company between Denver and Cheyenne.....			
Do.....	Mar. 3, 1869	15	348	Resolution authorizing the Union Pacific Railway Company, eastern division, to change its name to Kansas Pacific.....			
Do.....	Mar. 3, 1869	15	324	Denver Pacific.....	20		49, 811. 59
Do.....	June 20, 1874	18	111	Act making additions to the fifteenth section of the act approved July 2, 1864.....			
Do.....	July 2, 1864	13	364	Burlington and Missouri River.....	20 sections per mile.		2, 374, 090. 77
Do.....	May 6, 1870	16	118	Act authorizing the change of route and connection with the Union Pacific Railroad at or near Fort Kearney.....			
Do.....	July 2, 1864	13	363	Sioux City and Pacific.....	10		41, 318. 23
Do.....	July 2, 1864	13	365	Northern Pacific.....	States, 20, 30, and 40; Territories, 40, 50, and 60.		746, 509. 52
Do.....	May 7, 1866	14	355	Resolution extending time for commencing and completing road.....			
Do.....	July 1, 1868	15	255	do.....			
Do.....	Mar. 1, 1869	15	346	Resolution authorizing issue of bonds, &c.....			
Do.....	Apr. 10, 1869	16	57	Resolution authorizing the company to extend its branch line from Portland to Puget Sound, &c.....			
Do.....	May 31, 1870	16	378	Resolution authorizing the issue of mortgage bonds, reversing locations of main and branch line in Washington Territory, extending indemnity limits, &c.....			
Do.....	July 15, 1870	16	305	Act requiring the Northern Pacific Railroad Company to pay the cost of surveying, &c.....			
Do.....	July 13, 1866	14	94	†Placerville and Sacramento Valley.....	10 and 20		
Do.....	Apr. 15, 1874	18	29	Act declaring the grant forfeited to the United States.....			
Do.....	July 25, 1866	14	239	Oregon Branch of the Central Pacific.....	20 and 30	787, 274. 37	1, 338, 039. 27
Do.....	June 25, 1868	15	80	Act extending the time for completion of road.....			
Do.....	Apr. 10, 1869	16	47	Act amendatory of the original act and providing for the sale of the lands to actual settlers at a fixed price and limited quantity.....			
Do.....	July 25, 1866	14	239	Oregon and California.....	20 and 30		323, 148. 68
Do.....	June 25, 1868	15	80	Act extending the time for completion of road.....			
Do.....	Apr. 10, 1869	16	47	Act amendatory of the original act and providing for the sale of the lands to actual settlers at a fixed price and limited quantity.....			

\* Includes 186,93.672 acres of the Leavenworth, Lawrence and Galveston Railroad, and 260,425.35 acres of the Missouri, Kansas and Texas Railway situated in the "Osage ceded reservation," which amounts are a loss to the roads by the decision of the United States Supreme Court at its October term, 1875.

† Includes 20,815.52 acres reconveyed to the United States by the Missouri River, Fort Scott and Gulf Railroad Company, under the act of March 3, 1877.

‡ Grant declared forfeited by Congress.



## Statement exhibiting land concessions by acts of Congress to States and corporations, &amp;c.—Continued.

States.	Date of laws.	Statutes.	Page.	Name of road.	Mile limits.	Number of acres certified or patented for the year ending June 30, 1880.	Number of acres certified or patented up to June 30, 1880.
Corporations.....	July 27, 1866	14	292	Atlantic and Pacific.....	d		504, 536 60
Do.....	Apr. 20, 1871	17	19	Act authorizing the company to mortgage its road.....	30; Territories, 40 and 50.		
Do.....	July 27, 1866	14	292	Southern Pacific.....	30 and 30	1, 720 00	952, 597 00
Do.....	July 25, 1868	15	187	Act to extend the time for the construction of the road, &c.....			
Do.....	June 28, 1870	16	382	Joint resolution concerning the Southern Pacific Railroad of California.....			
Do.....	Mar. 3, 1871	16	579	Branch line of Southern Pacific.....	20 and 30		95, 493 65
Do.....	Mar. 2, 1867	14	548	*Stockton and Copperopolis.....	10 and 20		
Do.....	June 15, 1874	18	72	Act declaring the grant forfeited to the United States.....			
Do.....	May 4, 1870	16	94	Oregon Central.....	20 and 25		
Do.....	Mar. 3, 1871	16	573	Texas Pacific.....	California, 20 and 30; Territories, 40 and 50.		
Do.....	June 22, 1874	18	197	An act supplementary to the act of March 3, 1871.....	20 and 30		
Do.....	Mar. 3, 1871	16	579	New Orleans, Baton Rouge and Vicksburg.....			
WAGON ROADS.							
Wisconsin.....	Mar. 3, 1863	12	797	From Fort Wilkins, Copper Harbor, Mich., to Green Bay, Wis.....	3 and 15		302, 930 36
Do.....	June 8, 1868	15	67	Act extending time for completion of road to March 1, 1870.....			
Do.....	May 6, 1870	16	121	Act extending time for completion of road to January 1, 1872.....			
Do.....	June 25, 1864	13	183	Act granting lands to the State to build a military road to Lake Superior.....	3 and 6		
Michigan.....	Mar. 3, 1863	12	797	From Fort Wilkins, Copper Harbor, to the Wisconsin State line.....	3 and 15		231, 013 35
Do.....	June 8, 1868	15	67	Act extending time for completion of road to March 1, 1870.....			
Do.....	May 6, 1870	16	121	Act extending time for completion of road to January 1, 1872.....			
Do.....	Apr. 24, 1872	17	56	Act extending time for completion of road to January 1, 1874.....			
Do.....	June 20, 1864	13	140	No map filed; limitations of grant expired June 20, 1869.....			
Oregon.....	July 2, 1864	13	355	Oregon Central military road.....	3		323, 750 69
Do.....	Dec. 26, 1866	14	374	Act making provision for indemnity limits.....	6		37, 576 74
Do.....	Mar. 3, 1869	15	338	Act extending time for completion of road to July 2, 1872.....			
Do.....	July 4, 1866	14	86	Corvallis and Aquina Bay.....	3	19, 485 14	76, 885 98
Do.....	July 5, 1866	14	89	Willamette Valley and Cascade Mountain.....	3 alternate sections within limits of three miles.		107, 893 01
Do.....	Feb. 27, 1867	14	409	Dalles military road.....	3 and 10		126, 910 23
Do.....	Mar. 3, 1869	15	340	Coos Bay military road.....	3 and 6		104, 080 11

\* Grant declared forfeited by Congress.



## Statement exhibiting land concessions, &amp;c.—Continued.

## RECAPITULATION.

States.	Number of acres certified or pat- ented for the year ending June 30, 1880.	Number of acres certified or pat- ented under the grant.
Illinois .....		2, 595, 053. 00
Mississippi .....		935, 158. 11
Alabama .....	1, 025. 90	2, 830, 571. 76
Florida .....		1, 760, 468. 39
Louisiana .....		1, 072, 405. 49
Arkansas .....		2, 881, 650. 63
Missouri .....		1, 828, 005. 02
Iowa .....	113, 338. 96	4, 623, 173. 46
Michigan .....	46. 00	3, 229, 033. 09
Wisconsin .....		2, 807, 783. 88
Minnesota .....	228, 047. 17	7, 279, 484. 15
Kansas .....	8, 801. 39	3, 872, 191. 27
Corporations:	351, 259. 42	35, 214, 978. 25
Pacific railroads .....	806, 115. 59	10, 435, 048. 08
Wagon-roads:	1, 157, 375. 01	45, 650, 026. 33
Wisconsin .....		302, 930. 36
Michigan .....		221, 013. 35
Oregon .....		777, 096. 76
	1, 157, 375. 01	46, 951, 066. 80
Deduct for land declared forfeited by Congress .....		607, 741. 76
Total .....	1, 157, 375. 01	46, 343, 325. 04

## No. 8.—Statement exhibiting land concessions by acts of Congress to States for canal purposes from the year 1827 to June 30, 1880.

States.	Date of laws.	Statutes.	Page.	Name of canal.	Total number of acres granted and certified.
Indiana .....	Mar. 26, 1824	4	47	{ Wabash and Erie Canal .....	234, 246. 73
Do .....	Mar. 2, 1827	4	236		29, 552. 50
Do .....	May 29, 1830	4	416		259, 368. 48
Do .....	Feb. 27, 1841	5	414		24, 219. 83
Do .....	Aug. 29, 1842	5	542		796, 630. 19
Do .....	Mar. 3, 1845	5	731		113, 348. 33
Do .....	May 9, 1848	9	219		
Ohio .....	Mar. 2, 1827	4	236	{ Wabash and Erie Canal .....	266, 535. 00
Do .....	June 30, 1834	4	716		
Do .....	May 24, 1828	4	305	{ Miami and Dayton .....	333, 826. 00
Do .....	Apr. 3, 1830	4	393		
Do (sec. 5) .....	May 24, 1828	4	306	General canal purposes .....	500, 000. 00
Illinois .....	Mar. 2, 1827	4	234	{ Canal to connect the waters of the Illinois } River with those of Lake Michigan.	290, 915. 00
Do .....	Aug. 3, 1854	10	344		
Wisconsin .....	June 18, 1838	5	245	Milwaukee and Rock River Canal .....	125, 431. 00
Do .....	Apr. 10, 1866	14	39	Breakwater and Harbor Ship Canal .....	200, 000. 00
Do .....	Mar. 1, 1872	10	32	Act extending the time for completion of canal to April 10, 1874.	
Do .....	Mar. 7, 1874	18	20	Act extending the time for completion of canal to April 10, 1876.	
Michigan .....	Aug. 26, 1852	10	35	Saint Mary's Ship Canal .....	750, 000. 00
Do .....	Mar. 3, 1865	13	519	Portage Lake and Lake Superior Ship Canal ..	200, 000. 00
Do .....	July 3, 1866	14	81	do .....	200, 000. 00
Do .....	July 6, 1866	14	80	Lac La Belle Ship Canal .....	100, 000. 00

## RECAPITULATION.

Indiana .....	1, 457, 366. 06
Ohio .....	1, 100, 361. 00
Illinois .....	290, 915. 00
Wisconsin .....	325, 431. 00
Michigan .....	1, 250, 000. 00
Total quantity granted and certified .....	4, 424, 073. 06



REPORT OF THE COMMISSIONER OF  
ATTACHMENT OF RAILROAD RIGHTS.

No. 9—Table showing the time when the various railroad rights attach to the lands granted, so far as at present determined.

States.	Names of roads.	Dates.
Illinois .....	Illinois Central .....	September 20, 1850. (Grant fully adjusted.)
Mississippi .....	Mobile and Ohio River .....	September 20, 1850. (Grant fully adjusted.)
	Vicksburg and Meridian .....	August 31, 1850. (Grant fully adjusted.)
	Gulf and Ship Island .....	*November, 1860.
Alabama .....	Mobile and Ohio River .....	September 20, 1850. (Grant fully adjusted.)
	Alabama and Florida .....	*August 30, 1856.
	Selma, Rome and Dalton .....	May 20, 1857.
	Coosa and Tennessee .....	*December 27, 1858.
	Coosa and Chattanooga .....	*July 3, 1858.
	Mobile and Girard .....	*May 13, 1858.
	Alabama and Chattanooga .....	October 11, 1858.
	South and North Alabama .....	May 22, 1866, between Decatur and a junction with the Alabama and Tennessee Railroad in township 22 south, range 2 west, and May 30, 1871, between that point and Montgomery.
Florida .....	Florida Railroad .....	*From survey in the field, which was between May 17, 1856, and January 10, 1857.
	Florida and Alabama .....	*From May 17 to 31, 1856.
	Pensacola and Georgia .....	March 3, 1857, between Tallahassee and Alligator, in township 13 south, range 17 east, and from September 1 to October 22, 1857, between Tallahassee and Pensacola.
	Florida, Atlantic and Gulf Central .....	*February 17, 1857, in the granted, and September 7, 1857, in the indemnity limits.
Louisiana .....	North Louisiana and Texas .....	January 27, 1857.
	New Orleans, Opelousas and Great Western .....	†October 9, 1856, between New Orleans and Brashear City.
Arkansas .....	Little Rock and Fort Smith .....	August 13, 1855, and, under the reviving act, May 13, 1867.
	Saint Louis, Iron Mountain and Southern .....	January 17, 1855, and, under the reviving act, July 28, 1866.
	Memphis and Little Rock .....	August 18, 1855, and, under the reviving act, May 13, 1867.
Missouri .....	Hannibal and Saint Joseph .....	March 8, 1853, in the granted, and June 16, 1853 in the indemnity limits. (Grant fully adjusted.)
	Pacific and Southwestern Branch .....	1853. (Grant fully adjusted.)
	Saint Louis and Iron Mountain Extension .....	†April 7, 1870.
Iowa .....	Burlington and Missouri River .....	March 24, 1857. (See Supreme Court Reports, 9 Wallace, p. 89, Railroad Company vs. Fremont County.)
	Chicago, Rock Island and Pacific .....	Survey in the field, which was from October 21, 1856, to March 2, 1857.
	Cedar Rapids and Missouri River .....	Survey in the field, which was from September 1, 1856, to July 12, 1857.
	Dubuque and Sioux City .....	Survey in the field, which was from May 30, to August 31, 1856.
	Iowa Falls and Sioux City .....	Survey in the field, which was from May 30, to August 31, 1856.
	Chicago, Milwaukee and Saint Paul .....	*August 19, 1864, from McGregor to section 12, township 95 north, range 35 west. From that point to the southwest corner section 18, township 96 north, range 38 west, between November 30 and December 5, 1868, and from that point to a connection with the Saint Paul and Sioux City Road, between June 28 and 30, 1869, the dates of survey in the field.
	Sioux City and Saint Paul .....	Survey in the field, which was between September 27 and October 4, 1866.
Michigan .....	Jackson, Lansing and Saginaw .....	August 4, 1858.
	Flint and Pere Marquette .....	August 3, 1857.
	Grand Rapids and Indiana .....	November 17, 1857, between Grand Rapids and the Straits of Mackinac.
	Bay de Noquet and Marquette .....	March 15, 1856, between Grand Rapids and Fort Wayne, Indiana.
	Houghton and Ontonagon .....	December 1, 1857. (See Secretary's decision of April 12, 1859.—Lester.)
	Chicago and Northwestern .....	June 23, 1859.

\* Time taken as definite location from data on file in this office, subject, however, to correction upon receipt of evidence to the contrary.

† By the act of July 14, 1870, the lands granted west of Brashear City were declared forfeited to the government, and have since been restored to homestead entry, excepting those falling within the limits of the grant of March 3, 1871, to the New Orleans, Baton Rouge and Vicksburg Railroad.

‡ The grant has never been accepted by the company, but the lands are still reserved, awaiting action by Congress.



No. 9.—Table showing the time when the various railroad rights attach, &amp;c.—Continued.

States.	Names of roads.	Dates.
Wisconsin .....	Chicago and Northwestern .....	From Fond du Lac to the north boundary of the State. Survey in the field, which was between May 1, 1856, and October 16, 1857.
	Wisconsin Central .....	September 7, 1869.
	Chicago, Saint Paul and Minneapolis, formerly the West Wisconsin.	July 13, 1857, from Tomah to Lake Saint Croix; March 23, 1865, to additional grant under act May 5, 1864.
	Madison and Portage .....	June 16, 1857.
	Wisconsin Railroad Farm Mortgage Company.	July 13, 1857.
	Saint Croix and Lake Superior, and branch to Bayfield.	November 2, 1857, entire main line, except between Prescott and the south line of township 34 north, which was from November 24 to December 8, 1857. Survey in the field.
Minnesota .....	Saint Paul and Pacific .....	Branch line from survey in the field, which was between May 3 and June 10, 1858.
		April 22, 1865, to additional grant under act of May 5, 1864.
	Saint Paul, Minneapolis and Manitoba.	November 9, 1857, within 6-mile limits, and January 16, 1858, between 6 and 15-mile limits of the main line and branch to Crow Wing, and March 3, 1865, to additional grant under that act.
		From survey in the field, which was between May 18 and September 21, 1871.
		July 17, 1857, from Winona to the west line of township 110, range 31 west, in the 6-mile limits, and March 22, 1858, between the 6 and 15 mile limits.
	Minnesota Central .....	From that point to the west line of township 108, range 37 west. Survey in the field, which was in April, 1864. (See Secretary's decision of August 15, 1874.)
		January 19, 1867, from that point to the Big Sioux River, in Dakota Territory.
	Saint Paul and Sioux City .....	To original grant, from survey in the field, which was between June 8 and July 25, 1857, and to additional grant under act of March 3, 1865, date of act.
		From Saint Paul to section 28, township 106 north, range 34 west, survey in the field, which was from June 8 to October, 1857, in the 6-mile limits, and March 28, 1858, between the 6 and 15 mile limits.
		From that point to section 30, township 104 north, range 39 west, from October 31 to November 8, 1858, within both 6 and 15 mile limits.
		From that point to the southern boundary of Minnesota, June 29, 1866.
Kansas .....	Lake Superior and Mississippi .....	To the additional grant under the act of May 12, 1864, from date of act, where the road was already definitely located.
	Hastings and Dakota .....	September 25, 1866.
	Southern Minnesota .....	March 7, 1867.
		From the Mississippi River to Houston, survey in the field, which was from July 21 to August 5, 1867.
	Missouri, Kansas and Texas .....	From Houston to section 22, township 104 north, range 8 west, July 4, 1866.
		From that point to section 2, township 103 north, range 18 west, January 1, 1867.
	Leavenworth, Lawrence and Galveston.	From that point to section 21, township 104 north, range 37 west, November 29, 1866.
		From that point to section 4, township 104 north, range 39 west, October 24, 1866.
	Saint Joseph and Denver City .....	From that point to the western boundary of the State, from survey in the field, which was between October 18 and 26, 1870.
		From Junction City to Humboldt, December 3, 1866.
	Atchison, Topeka and Santa Fé .....	From Humboldt to southern boundary of State, January 7, 1868.
		November 15, 1866, from Lawrence to the north boundary of the Osage lands.
		November 26, 1867, to the southern boundary of Kansas.
		March 21, 1870.
		From Atchison to Emporia, survey in the field, which was from November 28, 1865, to January 13, 1866.



No. 9.— *Table showing the time when the various railroad rights attach, &c.—Continued.*

States.	Names of roads.	Dates.
Kansas—Cont'd..	Atchison, Topeka and Santa Fé—Continued.	From Emporia to Wichita, survey in the field, which was from May 18 to July 13, 1869. From the sixth principal meridian, near Newton, to section 27, township 23 south, range 5 west, September 23, 1871. From that point west to section 33, township 22 south, range 6 west, October 8, 1870. From that point west to the mouth of Pawnee Creek, in township 22 south, range 16 west, survey in the field, which was from June 21, to December 1, 1870. From that point to the west line of range 27 west, March 22, 1872. From that point to the western boundary of the State, May 30, 1872.
	CORPORATIONS.	
	Union Pacific.....	First one hundred miles west from Omaha, October 19, 1864. Second one hundred miles, June 20, 1866. From the 200th to 380th mile post, November 23, 1866. From the 380th mile post to Brown's Summit (nearly to the 700th mile post), survey in the field, which was from April 1 to November 15, 1867. From Brown's Summit to Ogden, survey in the field, which was from May 1 to July 30, 1868. Withdrawal takes effect for the first hundred miles of road within 15-mile limits December 16, 1863, the date when the company filed their map of general route in the Department, and between the 15 and 20 mile limits July 2, 1864, date of additional grant. Withdrawal takes effect from the 100th mile post west from Omaha to Salt Lake City June 28, 1865, the date when the map of general route was filed in the Department. (See Secretary's decision of February 27, 1875.)
	Central Pacific.....	From Sacramento east to the south line of township 13 north, range 8 east, within ten miles of the road, June 1, 1863, and within twenty miles, July 2, 1864, date of act. *From that point to the east line of township 17 north, range 13 east, September 14, 1866. *From that point of the Big Bend of the Truckee River, in township 20 north, range 24 east, Nevada, October 25, 1867. From that point to Humboldt Wells, December 18, 1866. From that point to Monument Point (head of Salt Lake), January 16, 1867. From that point to Ogden, July 18, 1868.
	Western Pacific .....	First twenty miles northward from San José, October 3, 1866. From that point to Sacramento, from survey in the field, which was between January 28 and December 15, 1868.
	Kansas Pacific.....	From the boundary line between Missouri and Kansas to section 17, township 11 south, range 18 east, Kansas, February 13, 1864. From that point to Fort Riley, from survey in the field, which was between February 13, 1864, and February 18, 1865. From Fort Riley to the 405th mile post (Sheridan, Kans.), July 11, 1866. From that point to Denver City, from survey in the field, beginning June 29, 1869, and ending April 25, 1870, at the 635th mile post.
	Denver Pacific.....	March 3, 1869, date of act.
	Central branch Union Pacific .....	January, 1864, within the 10-mile limits, and July 2, 1864, date of act, within the 20-mile limits.
	Burlington and Missouri River ...	June 15, 1865.
	Sioux City and Pacific .....	November 9, 1866, in Nebraska, and in Iowa, from survey in the field, which was between November 20 and December 7, 1866.
	Northern Pacific.....	From a junction with the Lake Superior and Mississippi Road, in Minnesota, to the Red River of the North, November 21, 1871.

\* Time taken as definite location from data on file in this office, subject, however, to correction upon receipt of evidence to the contrary.



No. 9.—Table showing the time when the various railroad rights attach, &amp;c.—Continued.

States.	Names of roads.	Dates.
	Northern Pacific—Continued .....	<p>From the Red River of the North to the Missouri River, in Dakota Territory, May 26, 1873.</p> <p>From the Missouri River, in Dakota Territory, to the Little Missouri River, in said Territory, July 20, 1880, the date of filing map of definite location in General Land Office.</p> <p>From Kalama, Wash., north to Tenino, sixty-five miles, September 13, 1873.</p> <p>From Tenino to Tacoma, on Puget Sound, May 14, 1874.</p> <p>According to a decision of the Secretary of the Interior, dated March 22, 1873, the first withdrawal of lands takes effect from the acceptance of the map of general route by the department, from which time settlement is excluded from the granted sections, and the alternate reserved sections are raised to \$2.50 per acre.</p> <p>The first map of general route through Minnesota and a portion of Washington Territory was accepted August 13, 1870, subsequently amended in parts both in Minnesota and Washington Territory.</p> <p>The map of general route through Dakota, Montana, Idaho, and a portion of Washington Territory was accepted February 21, 1872.</p> <p>The map of general route of the branch line in Washington Territory was accepted August 15, 1873, and the map of amended route of branch line was accepted June 11, 1879, but the withdrawal takes effect, so far as respects the lands affected by the change, from the receipt of the letters at the district offices.</p>
	Atlantic and Pacific .....	<p>From Springfield, Mo., to the western boundary of the State, December 17, 1866.</p> <p>From that point to the mouth of Kingfisher Creek, in Indian Territory, December 2, 1871.</p> <p>From that point to the eastern boundary of New Mexico, February 7, 1872.</p> <p>From that point to the eastern boundary of California, March 12, 1872.</p> <p>From San Francisco to San Miguel, Cal., March 12, 1872.</p> <p>Through the county of Los Angeles and part of San Bernardino, Cal., March 12, 1872.</p> <p>From San Miguel Mission to the Los Angeles County line, August 15, 1872.</p> <p>From a point in township 7 north, range 7 east, S. B. M., San Bernardino County to the Colorado River, August 15, 1872.</p>
	Texas Pacific .....	<p>Road not yet definitely located. Lands withdrawn upon a preliminary line, withdrawal taking effect from date of receipt of the order at the district land offices, which was as follows: New Mexico Territory, December 4, 1871; Arizona Territory, December 26, 1871; California, October 15, 1871.</p>
	New Orleans, Baton Rouge, and Vicksburg.	<p>Road not yet definitely located. Lands withdrawn upon a preliminary line, taking effect from date of receipt of the order at the district offices, which was as follows: Letter of November 29, 1871, received at New Orleans December 11, 1871; letter of November 29, 1871, received at Natchitoches December 20, 1871; letter of March 27, 1873, received at New Orleans April 3, 1873.</p>
	Oregon Branch of the Central Pacific, formerly California and Oregon.	<p>From Roseville (on the Central Pacific Railroad) to Salt Creek, in township 32 north, of range 5 west, September 13, 1867.</p> <p>From that point to north line of township 46 north, of range 5 west, August 5, 1871.</p>
	Southern Pacific .....	<p>First withdrawal became effective January 3, 1867, date of filing the map of general route in the General Land Office. (See Secretary's decision of April 23, 1875, in case of Alfred Queen, and decision of August 2, 1878, in Samuel Tome <i>et al.</i>) Withdrawal for branch line under act of March 3, 1871, became effective April 3, 1871. Right of road attaches from the dates of filing the maps of definite location in the General Land Office.</p>



No. 9.—Table showing the time when the various railroad rights attach, &c.—Continued.

States.	Names of roads.	Dates.
	Oregon and California.....	From Portland, Oreg., south to township 10 south, range 2 west, October 29, 1869. From that point to the south line of township 27 south, March 26, 1870. From that point to near the south line of township 30 south, January 7, 1871.
	Oregon Central.....	May 4, 1870.

No. 10.—Rights of way granted to railway companies in certain States and Territories.

States and Territories.	Date of laws.	Statutes.	Page.	Name of company.
Arizona.....	Mar. 3, 1875	18	482	Southern Pacific Railroad in Arizona.
California.....	Aug. 4, 1852	10	28	California and Northern Railroad.
Do.....	June 20, 1874	18	130	Nevada County Narrow Gauge Railroad.
Do.....	Mar. 3, 1875	18	482	Salmon Creek Railroad.
Do.....	Aug. 4, 1852	10	28	San Joaquin and Mount Diablo Railroad.
Do.....	Mar. 3, 1875	18	482	Southern Pacific Coast Railroad.
Colorado.....	June 23, 1874	18	274	Arkansas Valley Railway.
Do.....	Mar. 3, 1875	18	482	Arkansas Valley and New Mexico Railway.
Do.....	Mar. 3, 1875	18	482	Cañon City and San Juan Railway.
Do.....	Mar. 3, 1875	18	482	Colorado and New Mexico Railroad.
Do.....	Mar. 3, 1875	18	482	Colorado Western Railroad.
Do.....	Mar. 3, 1875	18	482	Denver and Middle Park Railway.
Do.....	June 8, 1872	17	339	Denver and Rio Grande Railway.
Do.....	Mar. 3, 1875	18	482	Denver, South Park and Leadville Railway.
Do.....	Mar. 3, 1875	18	482	Denver, South Park and Pacific Railway.
Do.....	Mar. 3, 1875	18	482	Gray's Peak, Snake River and Leadville Railroad.
Do.....	Mar. 3, 1875	18	482	Mount Carbon, Gunnison and Lake City Railroad.
Do.....	Mar. 3, 1875	18	482	Monarch Pass, Gunnison and Dolores Railway.
Do.....	Mar. 3, 1875	18	482	Pueblo and Arkansas Valley Railroad.
Do.....	Mar. 3, 1875	18	482	Pueblo and Salt Lake Railway.
Do.....	Mar. 3, 1875	18	482	Pueblo and Silver Cliff Railway.
Do.....	Mar. 3, 1875	18	482	Baker's Park and Lower Animas Railroad.
Do.....	Mar. 3, 1875	18	482	Saint Vrain Railroad.
Do.....	Mar. 3, 1875	18	482	Spanish Range Railway.
Do.....	Mar. 3, 1875	18	482	Upper Arkansas, San Juan and Pacific Railway.
Do.....	Mar. 3, 1875	18	482	West Mountain Valley Railroad.
Colorado and Wyoming.....	Mar. 3, 1875	18	482	Colorado Central Railroad.
Do.....	Mar. 3, 1875	18	482	Deadwood and Redwater Valley Railway.
Dakota.....	Mar. 3, 1875	18	482	Bear Butte and Deadwood Railway.
Do.....	Mar. 3, 1875	18	482	Chicago, Milwaukee and Saint Paul Railway.
Do.....	Mar. 3, 1875	18	482	Dakota Central Railway.
Do.....	June 1, 1872	17	202	Dakota Grand Trunk Railway.
Do.....	May 27, 1872	17	162	Dakota Southern Railroad.
Do.....	Mar. 3, 1875	18	482	Dakota Railroad.
Do.....	Mar. 3, 1875	18	482	Saint Paul, Minneapolis and Manitoba Railway.
Do.....	Mar. 3, 1875	18	482	Saint Paul and Sioux City Railway.
Do.....	Mar. 3, 1875	18	482	Sioux Falls Railroad.
Do.....	Mar. 3, 1875	18	482	Sioux City and Pembina Railroad.
Do.....	Mar. 3, 1875	18	482	Travare and Jamestown Railroad.
Florida.....	Mar. 3, 1875	18	482	Atlantic, Gulf and West India Transit Railroad.
Do.....	June 4, 1872	17	224	Great Southern Railway.
Do.....	June 7, 1872	17	280	Jacksonville and Saint Augustine Railroad.
Do.....	Mar. 3, 1875	18	482	Jacksonville, Pensacola and Mobile Railroad.
Florida and Alabama.....	June 8, 1872	17	340	Pensacola and Louisville Railroad.
Do.....	Mar. 3, 1875	18	482	West Florida and Mobile Railroad.
Iowa.....	June 4, 1872	17	220	Davenport and Saint Paul Railroad.
Kansas.....	Mar. 3, 1875	18	482	Southern Kansas and Western Railroad.
Do.....	Mar. 3, 1875	18	482	Saint Louis, Wichita and Western Railway.
Louisiana.....	Mar. 3, 1875	18	482	Louisiana Western Railroad.
Minnesota.....	Mar. 3, 1875	18	482	Chicago and Dakota Railway.
Do.....	Mar. 3, 1875	18	442	Saint Cloud and Lake Traverse Railway.
Minnesota and Dakota.....	Mar. 3, 1875	18	482	{ Worthington and Sioux Falls Railroad.
	Apr. 2, 1878	20	32	
Nevada.....	Mar. 3, 1875	18	482	Carson and Colorado Railroad.
Do.....	Mar. 3, 1875	18	482	Eureka and Palisade Railroad.
Do.....	Mar. 3, 1875	18	482	Nevada Central Railway.
Nevada and Oregon.....	Feb. 5, 1875	18	306	Oregon Central Railway.



No. 10.—*Rights of way granted to railway companies, &c.*—Continued.

States and Territories.	Date of laws.	Statutes.	Page.	Name of company.
New Mexico .....	June 8, 1872	17	343	New Mexico and Gulf Railway.
Do .....	Mar. 3, 1875	18	482	New Mexico and Southern Pacific Railroad.
Do .....	Mar. 3, 1875	18	482	Southern Pacific Railroad.
Oregon .....	Mar. 3, 1875	18	482	Port Orford and Roseburg Railroad.
Do .....	Mar. 3, 1875	18	482	Blue Mountain and Columbia River Railroad.
Oregon and Utah .....	Apr. 12, 1872	17	52	{ Portland, Dalles and Salt Lake Railroad.
	Mar. 3, 1873	17	612	
Oregon and Washington ..	Mar. 3, 1873	18	482	Oregon Railway and Navigation Company.
Utah .....	Mar. 3, 1875	18	482	Bingham Cañon and Camp Floyd Railroad.
Do .....	Mar. 3, 1875	18	482	San Pete Valley Railroad.
Do .....	Mar. 3, 1875	18	482	Utah and Pleasant Valley Railroad.
Do .....	Dec. 15, 1870	16	395	Utah Central Railroad.
Do .....	Mar. 3, 1875	18	482	Utah Southern Railroad.
Do .....	Mar. 3, 1875	18	482	Utah Southern Extension Railroad.
Do .....	Mar. 3, 1875	18	482	Utah Western Railroad.
Do .....	Mar. 3, 1875	18	482	Wasatch and Jordan Valley Railroad.
Utah, Idaho, and Montana.	June 1, 1872	17	212	Utah, Idaho and Montana Railroad.
Do .....	Mar. 3, 1873	17	612	{ Utah and Northern Railroad—Utah and
	June 20, 1878	20	241	
Washington .....	Mar. 3, 1875	18	482	Occidental and Oriental Railroad.
Do .....	Mar. 3, 1875	18	482	Seattle and Walla Walla Railroad.
Do .....	Mar. 3, 1869	15	325	{ Walla Walla and Columbia River Railroad.
	Mar. 3, 1873	17	613	
Wisconsin .....	Mar. 3, 1875	18	482	Black River Railroad.
Do .....	Mar. 3, 1875	18	482	Wisconsin Central Railroad.
Do .....	Mar. 3, 1875	18	482	Menominee Railway.
Do .....	Mar. 3, 1875	18	482	North Wisconsin Railway.
Wyoming .....	Mar. 3, 1875	18	482	Evanston and Montana Railroad.
Do .....	Mar. 3, 1875	18	482	Wyoming Central Railroad.



No. 11.—*Abstract of suspended cases in the public lands division of the General Land Office year ending June 30, 1880, under sections 2450 to 2457 United States*

Number.	States.	Class of cases.	Rule.	R. and R. No.	Names of parties.
1	Kirwin, Kans	Homestead	25	1710	Jacob Ream
2	do	do	25	3494	Henry Meverden
3	do	do	25	280	Benjamin W. Perdue
4	do	do	25	7949	William Dean
5	do	do	25	7509	Charles H. Coleman
6	do	do	25	164	George W. Weeks
7	do	do	25	649	Joseph Young
8	do	do	25	208	Albert L. Jorden
9	do	do	25	7079	Mathew Scott
10	do	do	22	4521	James A. Oatis
11	Wichita, Kans	do	25	2701	Patrick Riley
12	do	do	25	2874	James M. Vancyoc
13	do	do	25	2876	Isaac F. Rye
14	do	do	25	2879	Christian Schlatter
15	do	do	25	3129	Frederick Hoffer
16	do	do	25	3130	Henry Achilles
17	do	do	25	2407	Mons Nilson
18	Concordia, Kans	do	25	9202	John W. Bartleson
19	do	do	25	8244	Ignace Brodeur
20	do	do	25	9297	John M. Loofborrows
21	do	do	25	7931	Jonathan C. Ford
22	do	do	25	9604	Nancy Read
23	do	do	25	11036	Mary Lemon
24	do	do	24	7568	John M. Minnis
25	do	do	24	8329	George Baker
26	Larned, Kans	{ Cash	25	465	{ Nancy E. Hammond
		{ Homestead	25	1296	{
27	do	do	25	13016	Henry A. Fruit
28	do	do	25	13080	William J. McGreevy
29	do	do	25	3936	Abram O. Brewer
30	Salina, Kans	do	25	12965	John Austin
31	Lincoln, Nebr	do	24	8651	Isaac Rimball
32	do	do	24	10126	Charles Allen
33	do	do	24	10710	Frank Chrastl
34	do	do	24	10070	A. Youngburg
35	do	do	24	8767	Adulf Guenter
36	do	do	24	9074	Christian H. Scow
37	do	do	24	8919	Jacob Bronz
38	do	do	24	8969	James Home
39	do	do	24	9373	Ira B. Blodgett
40	do	do	24	10413	Alexander McLennar
41	do	do	24	7614	Jacob Baker
42	do	do	25	12499	John A. Dowse
43	do	do	25	10808	Thomas Records
44	do	do	25	11847	John Garlick
45	do	do	25	11554	James B. Flock
46	do	do	25	10657	Mathias Trapp
47	Beatrice, Nebr	do	25	6398	Stephen Morgan
48	do	do	25	5707	James Binks
49	do	do	25	5552	George W. McLoughan
50	do	do	25	5743	John Zactrey
51	do	do	25	6208	William Holsworth
52	Grand Island, Nebr	do	24	2090	John Hints
53	do	do	24	2121	John Hays
54	do	do	24	2057	Hennerech Peterson
55	do	do	25	2204	Loren Clark



which were confirmed by the board of adjudication upon equitable principles during the fiscal Revised Statutes, as amended by act of Congress of February 27, 1877.

Parts of section.	Section.	Township.	Range.	Cause of suspension.
S. $\frac{1}{2}$ of S. E. $\frac{1}{4}$ and S. E. $\frac{1}{4}$ of S. W. $\frac{1}{4}$ .	18			
and N. E. $\frac{1}{4}$ of N. W. $\frac{1}{4}$ .....	19	2s	10w	Failed to reside in time. Reason, sickness.
N. $\frac{1}{2}$ of S. E. $\frac{1}{4}$ and S. $\frac{1}{2}$ of N. E. $\frac{1}{4}$ .....	22	5	17	Failed to reside in time. Reason, poverty.
N. W. $\frac{1}{4}$ .....	5	4	12	Failed to reside in time. Reason, sickness.
S. E. $\frac{1}{4}$ .....	10	4	15	Failed to reside in time. Reason, land burned over; vegetation destroyed.
E. $\frac{1}{2}$ of S. W. $\frac{1}{4}$ and W. $\frac{1}{2}$ of S. E. $\frac{1}{4}$ .....	25	1	5	Failed to reside in time. Reason, threats of a contesting party.
S. W. $\frac{1}{4}$ .....	28	2	18	Failed to reside in time. Reason, sickness.
N. E. $\frac{1}{4}$ .....	17	2	18	Failed to reside in time. Reason, bad roads.
N. E. $\frac{1}{4}$ .....	23	4	12	Failed to reside in time. Reason, inclemency of the weather.
S. W. $\frac{1}{4}$ .....	13	3	17	Failed to reside in time. Reason, sickness.
N. W. $\frac{1}{4}$ .....	15	4	13	Entry based on a second declaratory statement.
W. $\frac{1}{2}$ of N. E. $\frac{1}{4}$ .....	14	23	6	Failed to reside in time. Reason, sickness.
S. W. $\frac{1}{4}$ .....	8	21	4	Failed to reside in time. Reason, poverty.
N. W. $\frac{1}{4}$ .....	8	21	4	Do.
S. E. $\frac{1}{4}$ .....	6	21	4	Failed to reside in time. Reason, cold weather.
N. W. $\frac{1}{4}$ .....	12	21	5	Failed to reside in time. Reason, sickness.
S. W. $\frac{1}{4}$ .....	12	21	5	Do.
Lots 1 and 2 and E. $\frac{1}{2}$ of N. W. $\frac{1}{4}$ .....	18	25	6	Not a citizen of the United States at date of his final proof.
S. W. $\frac{1}{4}$ .....	2	8	8	Failed to reside in time. Reason, no water on his claim.
S. E. $\frac{1}{4}$ .....	23	7	1	Failed to reside in time. Reason, sickness.
S. W. $\frac{1}{4}$ .....	13	4	4	Failed to reside in time. Reason, poverty.
W. $\frac{1}{2}$ of S. E. $\frac{1}{4}$ .....	10	8	5	Do.
E. $\frac{1}{2}$ of S. W. $\frac{1}{4}$ .....	6			
E. $\frac{1}{2}$ of N. W. $\frac{1}{4}$ .....	7	10	5	Failed to reside in time. Reason, house not completed.
N. $\frac{1}{2}$ of N. W. $\frac{1}{4}$ .....	6	4	1	Failed to reside in time. Reason, house built over the line through mistake.
E. $\frac{1}{2}$ of N. W. $\frac{1}{4}$ and N. $\frac{1}{2}$ of N. E. $\frac{1}{4}$ .....	8	8	7	Proof not made in time. Reason, ignorance.
N. W. $\frac{1}{4}$ .....	12	8	8	Do.
Lots 2 and 4 and E. $\frac{1}{2}$ of S. W. $\frac{1}{4}$ .....	7	26	11	Failed to reside in time. Reason, poverty. Commuted entry from homestead to cash.
W. $\frac{1}{2}$ of N. E. $\frac{1}{4}$ .....	10	20	14	Failed to reside in time. Reason, poverty.
N. E. $\frac{1}{4}$ .....	20	20	14	Failed to reside in time. Reason, sickness.
E. $\frac{1}{2}$ of S. W. $\frac{1}{4}$ .....	30	21	16	Do.
S. W. $\frac{1}{4}$ .....	4	11	9	Do.
S. $\frac{1}{2}$ of S. W. $\frac{1}{4}$ .....	4	14	3	Proof not made in time. Reason, ignorance.
E. $\frac{1}{2}$ of S. W. $\frac{1}{4}$ .....	28	8	1	Proof not made in time. Reason, citizenship papers not received in time.
E. $\frac{1}{2}$ of S. E. $\frac{1}{4}$ .....	28	7	5	Do.
W. $\frac{1}{2}$ of N. W. $\frac{1}{4}$ .....	18	15	9	Proof not made in time. Reason, ignorance.
N. W. $\frac{1}{2}$ of N. E. $\frac{1}{4}$ and N. E. $\frac{1}{4}$ of N. W. $\frac{1}{4}$ .....	34	7	5	Proof not made in time. Reason, sickness.
S. $\frac{1}{2}$ of S. E. $\frac{1}{4}$ .....	30	16	6	Proof not made in time. Reason, certificate of citizenship not received in time.
N. $\frac{1}{2}$ of N. W. $\frac{1}{4}$ .....	14	9	4	Proof not made in time. Reason, ignorance.
E. $\frac{1}{2}$ of N. E. $\frac{1}{4}$ .....	4	7	1	Do.
S. E. fl. $\frac{1}{4}$ .....	8	14	4	Proof not made in time. Reason, inability to procure witnesses.
N. $\frac{1}{2}$ of S. E. $\frac{1}{4}$ .....	32	7	1	Proof not made in time. Reason, failure to procure final citizenship papers in time.
E. $\frac{1}{2}$ of S. W. $\frac{1}{4}$ .....	4	10	1	Proof not made in time. Reason, ignorance.
W. $\frac{1}{2}$ of S. W. $\frac{1}{4}$ .....	32	7	7	Failed to reside in time. Reason, unable to return with his family in time.
N. $\frac{1}{2}$ of N. W. $\frac{1}{4}$ .....	8	13	2	Failed to reside in time. Reason, sickness.
W. $\frac{1}{2}$ of S. W. $\frac{1}{4}$ .....	26	10	8	Do.
E. $\frac{1}{2}$ of N. W. $\frac{1}{4}$ .....	30	12	4	Failed to reside in time. Reason, great distance.
N. $\frac{1}{2}$ of N. W. $\frac{1}{4}$ .....	24	15	2	Failed to reside as required. Reason, accident to his wife.
S. E. $\frac{1}{4}$ .....	34	3	19	Failed to reside in time. Reason, broken leg.
N. E. $\frac{1}{4}$ .....	15	2	13	Failed to reside in time. Reason, sickness.
S. E. $\frac{1}{4}$ .....	24	5	9	Do.
S. W. $\frac{1}{4}$ .....	23	2	10	Failed to reside in time. Reason, poverty.
S. E. $\frac{1}{4}$ .....	14	2	11	Failed to reside in time. Reason, sickness.
N. E. $\frac{1}{4}$ of N. E. $\frac{1}{4}$ and lot 2 on left bank of Loup Fork River.	26	17	1	Proof not made in time. Reason, poverty.
S. $\frac{1}{2}$ of S. E. $\frac{1}{4}$ .....	12	13	7	Proof not made in time. Reason, ignorance.
N. E. $\frac{1}{4}$ .....	25	14	12	Proof not made in time. Reason, sickness.
N. E. $\frac{1}{4}$ .....	22	20	6	Failed to reside in time. Reason, unable to get his home on the land within six months from date of entry.



No. 11.—*Abstract of suspended cases in the public lands*

Number.	States.	Class of cases.	Rule.	R. and R. No.	Names of parties.
56	Grand Island, Nebr.....	Homestead .....	25	1968	Harvey Maricle .....
57	.....do .....	.....do .....	25	2734	Samuel P. Horr.....
58	.....do .....	.....do .....	25	2732	Herman A. Babcock.....
59	Lowell, Nebr .....	.....do .....	25	102	Charles B. Moore .....
60	.....do .....	.....do .....	25	1008	Peter J. Sprosher.....
61	.....do .....	.....do .....	19	432	Anna Barbara Eagster.....
62	Norfolk, Nebr .....	.....do .....	19	3297	Erolla Goble .....
63	New Ulm, Minn .....	.....do .....	25	7184	Lars S. Glarum .....
64	.....do .....	.....do .....	25	7372	Gus W. Sykes .....
65	.....do .....	.....do .....	25	7154	Charles P. Gould.....
66	.....do .....	.....do .....	25	7204	William S. Moses .....
67	.....do .....	.....do .....	25	6540	Isaac O. Westbymo.....
68	.....do .....	.....do .....	25	7178	Theron A. Fuller.....
69	.....do .....	.....do .....	25	6456	Ole Ofren .....
70	Benson, Minn.....	.....do .....	25	5290	Nils Halvorson .....
71	.....do .....	.....do .....	25	5474	.....do .....
72	.....do .....	.....do .....	25	5841	Charles M. Allen.....
73	.....do .....	.....do .....	25	5974	Michael Moran .....
74	.....do .....	.....do .....	25	5397	Neil McNeil .....
75	Redwood Falls, Minn .....	.....do .....	25	1196	Carle Q. Holmberg.....
76	Worthington, Minn .....	.....do .....	25	9156	William F. Hanton.....
77	New Ulm, Minn .....	.....do .....	24	6851	Christopher Olsen .....
78	.....do .....	.....do .....	24	6737	Engelbert Hansen .....
79	.....do .....	.....do .....	24	6731	John Halverson.....
80	.....do .....	.....do .....	24	6459	Christofer Larsen.....
81	.....do .....	.....do .....	24	6636	Christofer Baaten.....
82	.....do .....	.....do .....	24	6462	Amt Larsen .....
83	Mobile, Ala.....	.....do .....	24	522	Jacob A. Kelley.....
84	.....do .....	.....do .....	24	413	W. J. Jolley .....
85	.....do .....	.....do .....	24	459	B. Norris .....
86	.....do .....	.....do .....	24	469	William J. Buckelew.....
87	.....do .....	.....do .....	24	473	Welcom Parks Duke.....
88	.....do .....	.....do .....	24	490	Frank King .....
89	.....do .....	.....do .....	23	521	George A. Swares.....
90	.....do .....	.....do .....	24	503	Elizabeth Singleton.....
91	.....do .....	.....do .....	24	465	Archeble Dunham .....
92	.....do .....	.....do .....	24	464	Susan A. Lambert .....
93	.....do .....	.....do .....	24	462	Arthur Dailey .....
94	.....do .....	.....do .....	24	458	Charles McArthur.....
95	.....do .....	.....do .....	24	453	Daniel Fleming .....
96	.....do .....	.....do .....	24	448	William R. Maxwell.....
97	.....do .....	.....do .....	24	439	Jackson Pierce .....
98	.....do .....	.....do .....	24	434	Isaac A. Peterson.....
99	.....do .....	.....do .....	24	429	William J. Clanton .....
100	.....do .....	.....do .....	24	428	Ignatius Greenwood .....
101	.....do .....	.....do .....	24	420	Mary A. Carson.....
102	.....do .....	.....do .....	24	412	Alfred Stokes .....
103	.....do .....	.....do .....	24	406	Alexander N. Norwood.....
104	.....do .....	.....do .....	24	335	James D. Ship .....
105	Des Moines, Iowa .....	.....do .....	24	1819	Andrew Freburg.....
106	.....do .....	.....do .....	24	1816	Otis King.....



division of the General Land Office, &c.—Continued.

Parts of section.	Section.	Township.	Range.	Cause of suspension.
W. $\frac{1}{2}$ of N. E. $\frac{1}{4}$ and E. $\frac{1}{2}$ of N. W. $\frac{1}{4}$ .	18	19	5	Failed to reside in time. Reason, unable to get his home on the land within six months from date of entry.
N. W. $\frac{1}{4}$ .....	2	18	13	Failed to reside in time. Reason, sickness.
S. W. $\frac{1}{4}$ .....	2	18	13	Failed to reside in time. Reason, poverty.
Lot 8.....	2			
and lot 3 and S. W. $\frac{1}{4}$ of N. W. $\frac{1}{4}$ .....	11	1	18	Failed to reside in time. Reason, sickness.
E. $\frac{1}{2}$ of N. W. $\frac{1}{4}$ and W. $\frac{1}{2}$ of N. E. $\frac{1}{4}$ .....	30	3	9	Failed to reside in time. Reason, unable to get building material.
W. $\frac{1}{2}$ of N. W. $\frac{1}{4}$ .....	14			
E. $\frac{1}{2}$ of N. E. $\frac{1}{4}$ .....	15	1	13	Conflict with prior entry, No. 5590, dated August 17, 1871, and canceled March 18, 1878. Objection removed.
S. W. $\frac{1}{4}$ .....	26	22	3	Conflict with prior homestead entry, No. 4320, dated April 7, 1871, and canceled March 14, 1874. Objection removed.
E. $\frac{1}{2}$ of S. W. $\frac{1}{4}$ .....	14	106	41	Failed to reside in time. Reason, poverty.
S. E. $\frac{1}{4}$ .....	10	110	41	Do.
S. E. $\frac{1}{4}$ .....	10	108	40	Failed to reside in time. Reason, great distance.
N. W. $\frac{1}{4}$ .....	24	109	40	Failed to reside in time. Reason, poverty.
S. W. $\frac{1}{4}$ .....	20	106	40	Failed to reside in time. Reason, great distance to travel.
E. $\frac{1}{2}$ of N. E. $\frac{1}{4}$ .....	22	108	39	Failed to reside in time. Reason, sickness.
N. E. $\frac{1}{4}$ .....	20	106	40	Failed to reside in time. Reason, great distance.
N. $\frac{1}{2}$ of S. E. $\frac{1}{4}$ and S. E. $\frac{1}{4}$ of N. E. $\frac{1}{4}$ .....	28	124	39	Failed to reside in time. Reason, poverty.
N. $\frac{1}{2}$ of N. W. $\frac{1}{4}$ .....	4	119	41	Do.
E. $\frac{1}{2}$ of S. E. $\frac{1}{4}$ .....	4	121	39	Do.
N. $\frac{1}{2}$ of S. W. $\frac{1}{4}$ .....	32	121	38	Do.
S. W. $\frac{1}{4}$ .....	12	118	39	Failed to reside in time. Reason, delayed in settling business matters, &c.
E. $\frac{1}{2}$ of S. W. $\frac{1}{4}$ .....	24	115	37	Failed to reside in time. Reason, sickness.
E. $\frac{1}{2}$ of N. E. $\frac{1}{4}$ and E. $\frac{1}{2}$ of S. E. $\frac{1}{4}$ .....	30	102	46	Failed to reside in time. Reason, inclemency of the weather.
N. W. $\frac{1}{4}$ .....	22	106	40	Proof not accepted in time by the register. Reason, error in his entry.
N. E. $\frac{1}{4}$ .....	22	106	40	Do.
S. E. $\frac{1}{4}$ .....	26	106	40	Do.
S. W. $\frac{1}{4}$ .....	18	106	40	Do.
N. W. $\frac{1}{4}$ .....	20	106	40	Do.
S. E. $\frac{1}{4}$ .....	20	106	40	Do.
S. E. $\frac{1}{4}$ of N. W. $\frac{1}{4}$ , and S. W. $\frac{1}{4}$ of N. E. $\frac{1}{4}$ , and W. $\frac{1}{2}$ of S. E. $\frac{1}{4}$ .....	19	6	8	Proof not made in time. Reason, ignorance.
S. W. $\frac{1}{4}$ of S. W. $\frac{1}{4}$ .....	17	2	3	Do.
S. W. $\frac{1}{4}$ .....	30	6	7	Do.
E. $\frac{1}{2}$ of N. W. $\frac{1}{4}$ , N. E. $\frac{1}{4}$ of S. W. $\frac{1}{4}$ , and N. W. $\frac{1}{4}$ of N. E. $\frac{1}{4}$ .....	30	10	4	Do.
W. $\frac{1}{2}$ of N. W. $\frac{1}{4}$ and N. E. $\frac{1}{4}$ of N. W. $\frac{1}{4}$ .....	30	10	5	Do.
S. W. $\frac{1}{4}$ .....	8	3	3	Do.
N. $\frac{1}{2}$ of N. W. $\frac{1}{4}$ .....	26			
S. $\frac{1}{2}$ of S. W. $\frac{1}{4}$ .....	23	7	5	Do.
N. W. $\frac{1}{4}$ of S. E. $\frac{1}{4}$ .....	13	6	2	Do.
W. $\frac{1}{2}$ of N. E. $\frac{1}{4}$ and W. $\frac{1}{2}$ of S. E. $\frac{1}{4}$ .....	21	6	8	Do.
S. W. $\frac{1}{4}$ .....	34	6	6	Do.
S. E. $\frac{1}{4}$ of S. E. $\frac{1}{4}$ .....	8			
N. E. $\frac{1}{4}$ of N. E. $\frac{1}{4}$ .....	17	8	9	Do.
S. E. $\frac{1}{4}$ of S. W. $\frac{1}{4}$ and S. W. $\frac{1}{4}$ of S. E. $\frac{1}{4}$ .....	18			
N. E. $\frac{1}{4}$ of N. W. $\frac{1}{4}$ and N. W. $\frac{1}{4}$ of N. E. $\frac{1}{4}$ .....	19	6	7	Do.
S. $\frac{1}{2}$ of N. W. $\frac{1}{4}$ , S. W. $\frac{1}{4}$ of N. E. $\frac{1}{4}$ , and N. E. $\frac{1}{4}$ of S. W. $\frac{1}{4}$ .....	22	6	6	Do.
S. W. $\frac{1}{4}$ .....	21	8	8	Do.
E. $\frac{1}{2}$ of S. W. $\frac{1}{4}$ and E. $\frac{1}{2}$ of N. W. $\frac{1}{4}$ .....	3	3	3	Do.
N. W. $\frac{1}{4}$ .....	26	3	3	Do.
N. W. $\frac{1}{4}$ of S. E. $\frac{1}{4}$ and N. E. $\frac{1}{4}$ of S. W. $\frac{1}{4}$ .....	27	10	1	Do.
S. E. $\frac{1}{4}$ .....	9	5	4	Do.
S. W. $\frac{1}{4}$ of N. E. $\frac{1}{4}$ and N. $\frac{1}{2}$ of S. E. $\frac{1}{4}$ .....	32	8	7	Do.
S. E. $\frac{1}{4}$ of S. E. $\frac{1}{4}$ .....	4	8	7	Do.
W. $\frac{1}{2}$ of N. W. $\frac{1}{4}$ and N. W. $\frac{1}{4}$ of S. W. $\frac{1}{4}$ .....	29	11	4	Do.
N. $\frac{1}{2}$ of N. E. $\frac{1}{4}$ and W. $\frac{1}{2}$ of S. E. $\frac{1}{4}$ .....	25	4	3	Do.
S. $\frac{1}{2}$ of S. E. $\frac{1}{4}$ .....	8	95	37	Proof not made in time. Reason, sickness.
S. $\frac{1}{2}$ of N. E. $\frac{1}{4}$ .....	26	99	43	Do.



Number.	States.	Class of cases.	Rule.	R. and R. No.	Names of parties.
107	Marquette, Mich.....	Homestead .....	24	250	Charles E. McIntyre.....
108	East Saginaw, Mich.....	do .....	24	1167	Melancthon H. Spencer.....
109	Reed City, Mich.....	do .....	25	3872	John W. H. Goodar.....
110	do .....	do .....	19	3795	Stephen W. Thompson.....
111	Boonville, Mo.....	do .....	24	3150	Hugh Watkins.....
112	do .....	do .....	24	3113	James D. Hildebrand.....
113	do .....	do .....	24	3015	William J. McGuire .....
114	do .....	do .....	24	3143	Benjamin P. Johnson .....
115	do .....	do .....	24	3132	James Larne.....
116	do .....	do .....	24	3111	Lewis H. Long.....
117	do .....	do .....	24	3099	Mary A. Mitchell.....
118	do .....	do .....	24	3089	Washington V. Bridges.....
119	do .....	do .....	24	3082	James H. Drenon.....
120	do .....	do .....	24	3069	Michael Wall .....
121	do .....	do .....	24	3065	August Gerhardt .....
122	do .....	do .....	24	3037	William A. Stinger .....
123	do .....	do .....	24	3032	James F. Adams .....
124	do .....	do .....	24	3004	William F. Jordan .....
125	do .....	do .....	24	3000	John Hedigar.....
126	do .....	do .....	24	2998	John Byber.....
127	Ironton, Mo.....	do .....	24	1629	Franklin Stark.....
128	do .....	do .....	24	1900	William J. Harlow .....
129	Denver, Colo.....	do .....	24	1125	Cyrus W. Matterson.....
130	Pueblo, Colo.....	Cash.....	17	1895	William H. Case .....
131	New Orleans, La .....	Homestead .....	24	868	John Reeves.....
132	do .....	do .....	19	866	William Simmons.....
133	Natchitoches, La.....	do .....	24	311	John Evans.....
134	Walla Walla, Wash.....	do .....	24	438	John G. Olding .....
135	Roseburg, Oreg .....	do .....	24	1125	William H. Hamlin .....
136	do .....	do .....	24	1104	James Neely, administrator of the estate of Ervin Tay- lor (deceased).
137	La Grande, Oreg .....	do .....	24	409	James M. McCullough .....
138	Eau Claire, Wis.....	do .....	24	1754	Ole Chis Janson Allestad ...
139	do .....	do .....	24	1958	Owen McGough .....
140	Harrison, Ark .....	do .....	24	2784	Joel T. Taylor .....
141	Sioux Falls, Dak .....	do .....	25	3684	Carl L. Buckstrom .....
142	do .....	do .....	25	3244	Harrison Dennis .....
143	Chillicothe, Ohio .....	do .....	25	102	Phillip Winslow .....
144	Detroit, Mich .....	do .....	19	674	Frank Gulch.....
145	do .....	do .....	19	678	Martin Steinke .....
146	do .....	do .....	19	671	Friedrich Bertram .....
147	do .....	do .....	19	672	Carl Filax .....
148	do .....	do .....	19	673	Ludwig Maass.....
149	do .....	do .....	19	662	Charles Fosch .....
150	do .....	do .....	19	655	Mathias Jezeski .....
151	do .....	do .....	19	656	Anthony Washlick .....



division of the General Land Office, &c.—Continued.

Parts of section.	Section.	Township.	Range.	Cause of suspension.
N. E. $\frac{1}{4}$ .....	2	34	27	Proof not made in time. Reason, sickness.
E. $\frac{1}{2}$ of S. E. $\frac{1}{4}$ .....	32	11	11	Proof not made in time. Reason, ignorance.
E. $\frac{1}{2}$ of N. W. $\frac{1}{4}$ and W. $\frac{1}{2}$ of N. E. $\frac{1}{4}$ .....	30	21	12	Residence not made in time. Reason, sickness.
N. $\frac{1}{2}$ of S. W. $\frac{1}{4}$ and S. E. $\frac{1}{4}$ of N. W. $\frac{1}{4}$ , and lot 3.	8	17	12	Conflict with prior homestead entry No. 5105, which was canceled November 18, 1872.
W. $\frac{1}{2}$ of S. E. $\frac{1}{4}$ .....	35	35	14	Proof not made in time. Reason, sickness.
S. E. $\frac{1}{4}$ of N. W. $\frac{1}{4}$ and N. $\frac{1}{2}$ of S. W. $\frac{1}{4}$ .....	33	35	18	Proof not made in time. Reason, ignorance.
N. E. $\frac{1}{4}$ of N. W. $\frac{1}{4}$ .....	14	37	17	Do.
E. $\frac{1}{2}$ of S. W. $\frac{1}{4}$ .....	20	40	21	Proof not made in time. Reason, error in entry, &c.
E. $\frac{1}{2}$ of N. E. $\frac{1}{4}$ .....	23	38	10	Proof not made in time. Reason, ignorance.
W. $\frac{1}{2}$ of S. E. $\frac{1}{4}$ .....	23	39	19	Do.
S. W. $\frac{1}{4}$ .....	27	39	20	Do.
S. E. $\frac{1}{4}$ of N. E. $\frac{1}{4}$ .....	22			
S. W. $\frac{1}{4}$ of N. W. $\frac{1}{4}$ .....	23	38	4	Do.
W. $\frac{1}{2}$ lots 7 and 8 N. E. $\frac{1}{4}$ .....	1	39	20	Do.
N. W. $\frac{1}{4}$ of N. W. $\frac{1}{4}$ .....	13	60	18	Do.
N. E. $\frac{1}{4}$ of S. W. $\frac{1}{4}$ .....	14	41	20	Proof not made in time. Reason, poverty
N. W. $\frac{1}{4}$ .....	13	39	6	Proof not made in time. Reason, sickness.
S. $\frac{1}{2}$ of S. W. $\frac{1}{4}$ and S. W. $\frac{1}{4}$ of S. E. $\frac{1}{4}$ .....	24	35	19	Do.
W. $\frac{1}{2}$ of N. W. $\frac{1}{4}$ .....	10	37	22	Do.
S. W. $\frac{1}{4}$ of N. E. $\frac{1}{4}$ .....	15	38	6	Proof not made in time. Reason, fault of agent.
W. $\frac{1}{2}$ of lot 1 of N. E. $\frac{1}{4}$ and E. $\frac{1}{4}$ of lot 1 of N. W. $\frac{1}{4}$ .....	4	37	20	Proof not made in time. Reason, poverty.
E. $\frac{1}{2}$ of lot 1 of N. E. $\frac{1}{4}$ .....	6			
Lot 1 N. W. $\frac{1}{4}$ and N. E. $\frac{1}{4}$ of S. W. $\frac{1}{4}$ .....	5	29	7	Proof not made in time. Reason, ignorance.
N. E. $\frac{1}{4}$ of S. E. $\frac{1}{4}$ and S. E. $\frac{1}{4}$ of N. E. $\frac{1}{4}$ .....	12	26	9	Do.
W. $\frac{1}{2}$ of S. W. $\frac{1}{4}$ .....	20	6	66	Proof not made in time. Reason, sickness.
N. W. $\frac{1}{4}$ of S. W. $\frac{1}{4}$ , S. W. $\frac{1}{4}$ of N. W. $\frac{1}{4}$ , S. W. $\frac{1}{4}$ of S. W. $\frac{1}{4}$ and S. E. $\frac{1}{4}$ of S. W. $\frac{1}{4}$ .....	24	27	55	Affidavit made before county clerk. Reason, sickness.
S. W. $\frac{1}{4}$ of N. W. $\frac{1}{4}$ , N. W. $\frac{1}{4}$ of S. W. $\frac{1}{4}$ and E. $\frac{1}{2}$ of S. W. $\frac{1}{4}$ .....	29	9	9	Proof not made in time. Reason, ignorance.
E. $\frac{1}{2}$ of S. E. $\frac{1}{4}$ .....	29			
E. $\frac{1}{2}$ of N. E. $\frac{1}{4}$ .....	32	4	5	Conflict with State selection to aid in the construction of the New Orleans, Opelousas and Great Western Railroad. Selection set aside March 15, 1873.
E. $\frac{1}{2}$ of N. E. $\frac{1}{4}$ .....	31			
N. $\frac{1}{2}$ of N. W. $\frac{1}{4}$ .....	32	12	11	Proof not made in time. Reason, sickness.
N. $\frac{1}{2}$ of N. E. $\frac{1}{4}$ and N. $\frac{1}{2}$ of N. W. $\frac{1}{4}$ .....	21	18	19	Proof not made in time. Reason, ignorance.
Lots 6, 7, and 8.....	32	36	5	Proof not made in time. Reason, error in date of entry.
S. $\frac{1}{2}$ of S. W. $\frac{1}{4}$ .....	19			
N. $\frac{1}{2}$ of N. W. $\frac{1}{4}$ .....	30	35	6	Proof not made in time. Reason, delay in correspondence.
S. $\frac{1}{2}$ of S. E. $\frac{1}{4}$ .....	18	3	28	Proof not made in time. Reason, neglect of agent.
E. $\frac{1}{2}$ of S. E. $\frac{1}{4}$ and N. W. $\frac{1}{4}$ of S. E. $\frac{1}{4}$ .....	26	30	11	Proof not made in time. Reason, ignorance.
E. $\frac{1}{2}$ of N. E. $\frac{1}{4}$ and S. W. $\frac{1}{4}$ of N. E. $\frac{1}{4}$ .....	10	36	11	Proof not made in time. Reason, first proof imperfect and not received.
S. $\frac{1}{2}$ of S. E. $\frac{1}{4}$ .....	21	17	17	Proof not made in time. Reason, ignorance.
S. E. $\frac{1}{4}$ .....	20	95	51	Residence not made in time. Reason, sickness.
N. E. $\frac{1}{4}$ .....	31	94	49	Residence not made in time. Reason, high water in Missouri River.
E. $\frac{1}{2}$ of S. W. $\frac{1}{4}$ .....	15	4	13	Proof not made in time. Two months over. No reason.
S. $\frac{1}{2}$ of N. W. $\frac{1}{4}$ .....	33	34	6	Conflict with prior homestead entry No. 784; prior entry canceled June 9, 1876.
W. $\frac{1}{2}$ of S. W. $\frac{1}{4}$ .....	28	34	6	Conflict with prior homestead entry No. 781; prior entry canceled June 9, 1876.
N. $\frac{1}{2}$ of N. E. $\frac{1}{4}$ .....	19	34	6	Conflict with prior homestead entry No. 787; prior entry canceled June 9, 1876.
S. W. $\frac{1}{4}$ of S. W. $\frac{1}{4}$ .....	10			
W. $\frac{1}{2}$ of N. W. $\frac{1}{4}$ .....	15	35	4	Conflict with prior homestead entry No. 857; prior entry canceled June 9, 1876.
S. $\frac{1}{2}$ of N. E. $\frac{1}{4}$ .....	19	34	6	Conflict with prior homestead entry No. 673; prior entry canceled June 9, 1876.
S. $\frac{1}{2}$ of N. W. $\frac{1}{4}$ and N. $\frac{1}{2}$ of S. W. $\frac{1}{4}$ .....	22	35	4	Conflict with prior homestead entry No. 758; prior entry canceled June 9, 1876.
E. $\frac{1}{2}$ of N. E. $\frac{1}{4}$ and S. W. $\frac{1}{4}$ of N. E. $\frac{1}{4}$ .....	32	34	6	Conflict with prior homestead entry No. 793; prior entry canceled June 9, 1876.
N. $\frac{1}{2}$ of N. W. $\frac{1}{4}$ .....	33	34	6	Conflict with prior homestead entry No. 784; prior entry canceled June 9, 1876.



No. 11.—*Abstract of suspended cases in the public lands*

Number.	States.	Class of cases.	Rule.	R. and R. No.	Names of parties.
152	Detroit, Mich .....	Homestead .....	19	657	Bolzer Romel .....
153	Des Moines, Iowa .....	do .....	19	1829	David S. Canfield .....
154	Reed City, Mich .....	do .....	25	3848	Charles Cunningham .....
155	do .....	do .....	24	3852	Morey Harrington .....
156	La Crosse, Wis. ....	do .....	24	5726	John S. Mott .....
157	do .....	do .....	24	5742	John Benson .....
158	do .....	do .....	24	5687	John Newell .....
159	do .....	do .....	25	6341	Lever N. Knudson .....
160	Wausau, Wis .....	do .....	25	1260	Martin S. Hobart .....
161	Benson, Minn .....	do .....	25	5465	Harrison Wise .....
162	do .....	do .....	25	5600	Aslak Haldersen .....
163	New Ulm, Minn .....	do .....	24, 25	7267	Jons Neilson .....
164	Benson, Minn .....	do .....	24, 25	5363	Henry Miller .....
165	Springfield, Dak .....	do .....	24	217	Anton Soancara .....
166	Sioux Falls, Dak .....	do .....	25	2523	Ole Johnson Lykken .....
167	Oregon City, Oreg. ....	do .....	25	2142	Joseph Steventon .....
168	Salina, Kans .....	do .....	25	14941	Thomas S. Redfern .....
169	do .....	do .....	25	13709	Johnson Brougher .....
170	Kirwin, Kans .....	do .....	Special	1176	Elhanna Stevens .....
171	Larned, Kans .....	do .....	25	573	James Harden .....
172	Salina, Kans .....	do .....	24	13204	Jacob White .....
173	do .....	do .....	24	13149	John Anderson .....
174	do .....	do .....	24	12820	Julius Frethar .....
175	do .....	do .....	24	12673	Albert Husted .....
176	Topeka, Kans .....	do .....	24	3703	Daniel Carey .....
177	do .....	do .....	24	2353	Frank Beblin .....
178	Concordia, Kans .....	do .....	24	3097	Thomas James .....
179	do .....	do .....	25	8419	Wilson Wreath .....
180	Beatrice, Nebr .....	do .....	24	6407	George Durham .....
181	do .....	do .....	27	7272	Randolph Frocksell .....
182	do .....	do .....	25	6335	Wils Anderson .....
183	do .....	do .....	25	6599	Nels Anderson .....
184	Norfolk, Nebr .....	do .....	25	3252	William Shartzter .....
185	do .....	do .....	25	3222	W. M. Wicker .....
186	do .....	do .....	25	3216	James B. Barnes .....
187	do .....	do .....	24	2515	Domnick Brazdoe .....
188	Lincoln, Nebr .....	do .....	25	13344	Valentine Paulus .....
189	Niobrara, Nebr .....	do .....	27	1094	Lyman Henick .....
190	do .....	do .....	Special	2348	Maria Mysliviseh .....
191	Bloomington, Nebr .....	do .....	25	174	James McMartin .....
192	Grand Island, Nebr .....	do .....	25	1795	Erlan G. Carlson .....
193	Kirwin, Kans .....	do .....	25	7888	George W. Creamer .....
194	do .....	do .....	25	2755	George G. Hacker .....
195	do .....	do .....	25	1259	Thomas J. Scruggs .....
196	do .....	do .....	25	321	William McIlrain .....
197	Concordia, Kans .....	do .....	25	8649	John M. Dunn .....
198	do .....	do .....	24	8008	James Shehi .....
199	do .....	do .....	24	8033	William Milroy .....
200	Topeka, Kans .....	do .....	24	3557	Almond D. Ferguson .....
201	do .....	do .....	24	2929	Robert Gray .....



division of the General Land Office, &amp;c.—Continued

Parts of section.	Section.	Township.	Range.	Cause of suspension.
E. $\frac{1}{2}$ of S. E. $\frac{1}{4}$ .....	29	34	6	Conflict with prior homestead entry No. 781; prior entry canceled June 9, 1876.
N. W. $\frac{1}{4}$ .....	24	99	31	Conflict with prior homestead entry No. 2761; prior entry canceled July 14, 1876.
S. $\frac{1}{2}$ of N. W. $\frac{1}{4}$ .....	12	31	6	Residence not made in time. Reason, bad roads.
N. W. $\frac{1}{4}$ .....	14	10	16	Proof not made in time. Reason, sickness.
S. $\frac{1}{2}$ of N. W. $\frac{1}{4}$ .....	3	15	4	Proof not made in time. Reason, ignorance.
S. E. $\frac{1}{4}$ of N. E. $\frac{1}{4}$ .....	12	12	4	Proof not made in time. Reason, did not procure citizenship papers in time.
S. W. $\frac{1}{4}$ of N. E. $\frac{1}{4}$ , N. W. $\frac{1}{4}$ of S. E. $\frac{1}{4}$ and N. E. $\frac{1}{4}$ of S. W. $\frac{1}{4}$ and S. E. $\frac{1}{4}$ of N. W. $\frac{1}{4}$ .....	30	11	4	Proof not made in time. Reason, local office closed.
N. W. $\frac{1}{4}$ .....	24	23	10	Residence not made in time. Reason, house not completed in time on account of violent storms.
S. W. $\frac{1}{4}$ of S. E. $\frac{1}{4}$ .....	30			
N. W. $\frac{1}{4}$ of N. E. $\frac{1}{4}$ .....	31	30	8	Residence not made in time. Reason, ignorance.
N. E. $\frac{1}{4}$ .....	12	120	44	Residence not made in time. Reason, poverty.
S. $\frac{1}{2}$ of N. E. $\frac{1}{4}$ .....	10	123	40	Do.
N. W. $\frac{1}{4}$ .....	10	108	42	Do.
N. E. $\frac{1}{4}$ .....	6	121	42	Proof not made in time. Reason, poverty.
S. E. $\frac{1}{4}$ .....	12	94	58	Proof not made in time. Reason, ignorance.
E. $\frac{1}{2}$ of S. W. $\frac{1}{4}$ .....	22			
N. E. $\frac{1}{4}$ of N. W. $\frac{1}{4}$ and N. W. $\frac{1}{4}$ of N. E. $\frac{1}{4}$ .....	27	94	50	Residence not made in time. Reason, sickness and poverty.
S. E. $\frac{1}{4}$ of N. E. $\frac{1}{4}$ and N. E. $\frac{1}{4}$ of S. E. $\frac{1}{4}$ .....	10	2	3	Residence not made in time. Reason, poverty.
S. E. $\frac{1}{4}$ .....	12	20	5	Residence not made in time. Reason, sickness and poverty.
E. $\frac{1}{2}$ of S. W. $\frac{1}{4}$ and W. $\frac{1}{2}$ of S. E. $\frac{1}{4}$ .....	8	14	10	Residence not made in time. Reason, poverty.
N. $\frac{1}{2}$ of N. W. $\frac{1}{4}$ and N. $\frac{1}{2}$ of N. E. $\frac{1}{4}$ .....	25	3	15	Residence not made in time. Reason, house two rods over his line. (See Commissioner's letter to register and receiver, herewith.)
S. E. $\frac{1}{4}$ .....	22	20	16	Residence not made in time. Reason, poverty.
W. $\frac{1}{2}$ N. W. $\frac{1}{4}$ .....	6	16	2	Proof not made in time. Reason, ignorance.
W. $\frac{1}{2}$ of N. W. $\frac{1}{4}$ .....	22	13	2	Proof not made in time. Reason, delayed in the cancellation of another entry.
S. E. $\frac{1}{4}$ .....	26	20	4	Proof not made in time. Reason, poverty.
S. $\frac{1}{2}$ of N. E. $\frac{1}{4}$ .....	26	16	3	Proof not made in time. Reason, ignorance.
N. $\frac{1}{2}$ of N. W. $\frac{1}{4}$ .....	14	9	9	Do.
N. $\frac{1}{2}$ of N. W. fl. $\frac{1}{4}$ .....	18	13	11	Do.
E. $\frac{1}{2}$ of N. E. $\frac{1}{4}$ and N. W. $\frac{1}{4}$ of N. E. $\frac{1}{4}$ and N. E. $\frac{1}{4}$ of S. E. $\frac{1}{4}$ .....	31	9	6	Do.
E. $\frac{1}{2}$ of S. E. $\frac{1}{4}$ and S. $\frac{1}{2}$ of N. E. $\frac{1}{4}$ .....	12	8	7	Residence not made in time. Reason, sickness.
E. $\frac{1}{2}$ of S. E. $\frac{1}{4}$ .....	26	5	2	Proof not made in time. Reason, failed to get his final citizenship papers in time.
N. W. $\frac{1}{4}$ of N. E. $\frac{1}{4}$ , S. $\frac{1}{2}$ of N. E. $\frac{1}{4}$ , and N. E. $\frac{1}{4}$ of S. E. $\frac{1}{4}$ .....	4	4	7	Proof made by an abandoned wife.
E. $\frac{1}{2}$ of S. E. $\frac{1}{4}$ .....	6	5	4	Settlement not made in time. Reason, sickness.
N. W. $\frac{1}{4}$ .....	22	5	4	Do.
S. E. $\frac{1}{4}$ .....	34	21	3	Settlement not made in time. Reason, building material could not be secured on account of high water.
S. $\frac{1}{2}$ of S. E. $\frac{1}{4}$ and S. $\frac{1}{2}$ of S. W. $\frac{1}{4}$ .....	14	22	7	Settlement not made in time. Reason, sickness.
N. W. $\frac{1}{4}$ .....	14	21	7	Do.
N. W. $\frac{1}{4}$ .....	20	21	5	Proof not made in time. Reason, ignorance.
N. E. $\frac{1}{4}$ .....	22	8	8	Residence not made in time. Reason, sickness.
S. W. $\frac{1}{4}$ .....	32	30	5	Proof made by an abandoned wife.
W. $\frac{1}{2}$ of N. E. $\frac{1}{4}$ and E. $\frac{1}{2}$ of N. W. $\frac{1}{4}$ .....	26	32	8	Failed to declare his intention to become a citizen at date of entry.
S. E. $\frac{1}{4}$ .....	25	1	24	Residence not made in time. Reason, house built across the line through mistake.
W. $\frac{1}{2}$ of N. W. $\frac{1}{4}$ .....	32	11	12	Residence not made in time. Reason, sickness.
S. W. $\frac{1}{4}$ .....	8	6 s	11 w	Do.
S. W. $\frac{1}{4}$ .....	30	8	10	Residence not made in time. Reason, grasshoppers destroyed his crop.
E. $\frac{1}{2}$ of N. W. $\frac{1}{4}$ and W. $\frac{1}{2}$ of N. E. $\frac{1}{4}$ .....	22	4	18	Residence not made in time. Reason, poverty.
N. E. $\frac{1}{4}$ .....	20	3	18	Residence not made in time. Reason, sickness.
N. E. $\frac{1}{4}$ .....	22	8	1	Residence not made in time. Reason, poverty.
N. W. $\frac{1}{4}$ of S. E. $\frac{1}{4}$ .....	4	7	8	Proof not made in time. Reason, ignorance.
S. $\frac{1}{2}$ of N. E. $\frac{1}{4}$ and E. $\frac{1}{2}$ of N. W. $\frac{1}{4}$ .....	30	8	2	Proof not made in time. Reason, sickness.
S. $\frac{1}{2}$ of N. E. $\frac{1}{4}$ .....	14	22	13	Proof not made in time. Reason, poverty.
W. $\frac{1}{2}$ of S. W. $\frac{1}{4}$ .....	2	22	20	Proof not made in time. Reason, ignorance.



No. 11.—*Abstract of suspended cases in the public lands*

Number.	States.	Class of cases.	Rule.	R. and R. No.	Names of parties.
202	Topeka, Kans.....	Homestead.....	24	2870	David W. Conger.....
203	.....do.....	Cash.....	11	2572	Samuel Jacobs.....
204	.....do.....	.....do.....	11	2574	.....do.....
205	.....do.....	.....do.....	11	2575	.....do.....
206	.....do.....	.....do.....	11	2591	J. R. Van Landt.....
207	Salina, Kans.....	Homestead.....	24	11954	Thomas Finch.....
208	.....do.....	.....do.....	25	14288	Henry Schlater.....
209	.....do.....	.....do.....	27	15587	Adam C. Koons.....
210	Hays City, Kans.....	.....do.....	25	16657	H. P. Mock.....
211	Kirwin, Kans.....	.....do.....	25	480	A. J. Niles.....
212	Grand Island, Nebr.....	.....do.....	25	4516	Peter Anderson.....
213	.....do.....	.....do.....	27	4954	Thomas Karney.....
214	.....do.....	.....do.....	24	3140	William McKittrich.....
215	.....do.....	.....do.....	25	3521	Isaac A. Allison.....
216	.....do.....	.....do.....	25	3520	William H. Allison.....
217	.....do.....	.....do.....	25	4403	John A. Fulton.....
218	Niobrara, Nebr.....	.....do.....	25	1062	Anna M. Klinker.....
219	Bloomington, Nebr.....	.....do.....	25	1611	Jane Anderson.....
220	Lincoln, Nebr.....	.....do.....	24	7188	Coridon D. Smith.....
221	Beatrice, Nebr.....	.....do.....	27	3847	Russel L. Dobbs.....
222	West Point, Nebr.....	.....do.....	25	471	Apolmus Freburker.....
223	Lowell, Nebr.....	.....do.....	25	251	James M. Dimmick.....
224	.....do.....	.....do.....	25	1375	Calvin M. Jackson.....
225	New Orleans, La.....	.....do.....	24	785	William Foster.....
226	.....do.....	.....do.....	24	836	Heir of John Castello (deceased).
227	.....do.....	.....do.....	24	831	Sebastian Din.....
228	.....do.....	.....do.....	19	509	Henry Steckler.....
229	.....do.....	.....do.....	19	848	Charles Maddox.....
230	.....do.....	.....do.....	24	860	Dewitt C. Founteroy.....
231	Natchitoches, La.....	.....do.....	24	403	Alic Jashson.....
232	.....do.....	.....do.....	24	363	Jack Brooks.....
233	Harrison, Ark.....	.....do.....	24	2485	James A. Jackson.....
234	.....do.....	.....do.....	24	2486	William Saunders.....
235	Boonville, Mo.....	.....do.....	24	3109	Mary Matthews.....
236	.....do.....	.....do.....	25	2828	John L. Cook.....
237	Springfield, Mo.....	.....do.....	24	3928	Andrew Ramsey.....
238	Reed City, Mich.....	.....do.....	24	3857	Heirs of Stillman Akin.....
239	.....do.....	.....do.....	19	3720	Richard D. Coonen.....
240	Salt Lake City, Utah.....	Cash.....	19	2086	Warren Ferguson.....
241	Springfield, Mo.....	Homestead.....	24	4065	William R. Prock.....
242	.....do.....	.....do.....	24	4056	Eliza E. Dockard.....
243	.....do.....	.....do.....	24	4055	Sarah E. Dame.....
244	.....do.....	.....do.....	24	4053	Jesse J. Russell.....
245	.....do.....	.....do.....	24	4052	Samuel J. Bridges.....
246	.....do.....	.....do.....	24	4051	James S. Bushong.....
247	.....do.....	.....do.....	24	4050	Lorenzo T. Worthey.....
248	.....do.....	.....do.....	24	4049	Archibald Faber.....
249	.....do.....	.....do.....	24	4048	Rebecca Sechrist.....
250	.....do.....	.....do.....	24	4047	Jacob S. Skaggs.....
251	.....do.....	.....do.....	24	4045	James L. Vincent.....
252	.....do.....	.....do.....	25	4046	Silas Rippee.....
253	Boonville, Mo.....	.....do.....	24	4089	Eli Rippee.....
254	.....do.....	.....do.....	24	8280	Merrel Guming.....
255	Grand Island, Nebr.....	.....do.....	24	3421	Thomas T. Tooth.....



division of the General Land Office, &c.—Continued.

Parts of section.	Section.	Township.	Range.	Cause of suspension.
S. W. $\frac{1}{4}$ of S. E. $\frac{1}{4}$ .....	20	3	9	Proof not made in time. Reason, ignorance.
E. $\frac{1}{2}$ of N. E. $\frac{1}{4}$ .....	26	13	22	Land not offered at date of entry.
N. W. $\frac{1}{4}$ of N. E. $\frac{1}{4}$ .....	26	13	22	Do.
S. W. $\frac{1}{4}$ of N. E. $\frac{1}{4}$ .....	26	13	22	Do.
S. E. $\frac{1}{4}$ of N. W. $\frac{1}{4}$ .....	2	21	25	Do.
W. $\frac{1}{2}$ of S. W. $\frac{1}{4}$ .....	8	20	3	Proof not made in time. Reason, sickness.
S. E. $\frac{1}{4}$ .....	26	20	5	Residence not made in time. Reason, poverty.
S. W. $\frac{1}{4}$ .....	14	18	3	An abandoned wife makes proof.
S. $\frac{1}{2}$ of S. E. $\frac{1}{4}$ and E. $\frac{1}{2}$ of S. W. $\frac{1}{4}$ .....	10	11	17	Residence not made in time. Reason, sickness.
S. W. $\frac{1}{4}$ .....	31	3	14	Residence not made in time. Reason, poverty.
W. $\frac{1}{2}$ of N. E. $\frac{1}{4}$ .....	14	12	10	Do.
N. W. $\frac{1}{4}$ .....	20	11	12	An abandoned wife makes proof.
N. $\frac{1}{2}$ of N. E. $\frac{1}{4}$ .....	4	11	10	Proof not made in time. Reason, ignorance.
S. W. $\frac{1}{4}$ .....	32	20	1	Residence not made in time. Reason, poverty.
S. $\frac{1}{2}$ of N. W. $\frac{1}{4}$ .....	32	20	1	Do.
N. $\frac{1}{2}$ of N. W. $\frac{1}{4}$ .....	20	20	1	Do.
W. $\frac{1}{2}$ and S. E. $\frac{1}{4}$ of S. E. $\frac{1}{4}$ .....	2	32	1	Do.
and N. W. $\frac{1}{4}$ of N. E. $\frac{1}{4}$ .....	11			
N. E. $\frac{1}{4}$ of S. E. $\frac{1}{4}$ and S. E. $\frac{1}{4}$ .....	24	2	18	Residence not continuous. Reason, sickness.
of N. E. $\frac{1}{4}$ .....				
N. W. $\frac{1}{4}$ of S. W. $\frac{1}{4}$ and S. W. $\frac{1}{4}$ .....	19	2	17	
of N. W. $\frac{1}{4}$ .....				
N. W. $\frac{1}{4}$ .....	26	13	6	Proof not made in time. Reason, death of wife.
E. $\frac{1}{2}$ of N. W. $\frac{1}{4}$ .....	34	1	14	An abandoned wife makes proof.
N. $\frac{1}{2}$ of S. E. $\frac{1}{4}$ .....	26	14	11	Settlement not made in time. Reason, poverty.
S. E. $\frac{1}{4}$ .....	6	3	14	Settlement not made in time. Reason, sickness.
S. $\frac{1}{2}$ of S. W. $\frac{1}{4}$ and W. $\frac{1}{2}$ of S. E. $\frac{1}{4}$ .....	8	3	14	Settlement not made in time. Reason, poverty.
Lot No. 6 and N. W. $\frac{1}{4}$ of S. W. $\frac{1}{4}$ .....	3	8	6	Proof not made in time. Reason, ignorance.
S. E. $\frac{1}{4}$ of N. E. $\frac{1}{4}$ . Lots 1 and 2 .....	4			
	3	6	2	Do
S. E. $\frac{1}{4}$ of S. E. $\frac{1}{4}$ .....	6	7	12	Proof not made in time. Reason, sickness.
Lots 4, 5, 6, and 7 .....	19	11	7	Land not subject to entry at date thereof. Subsequently restored.
N. W. $\frac{1}{4}$ of N. W. $\frac{1}{4}$ and S. $\frac{1}{2}$ of N. W. $\frac{1}{4}$ .....	21	1	5	Do.
S. $\frac{1}{2}$ of S. W. $\frac{1}{4}$ .....	8	15	12	Proof not made in time. Reason, sickness.
N. W. $\frac{1}{4}$ of N. W. $\frac{1}{4}$ .....	12			
N. E. $\frac{1}{4}$ of N. E. $\frac{1}{4}$ .....	11	12	12	Proof not made in time. Reason, poverty.
S. E. $\frac{1}{4}$ .....	36	10	12	Do.
S. W. $\frac{1}{4}$ of N. E. $\frac{1}{4}$ and S. E. $\frac{1}{4}$ .....	35	15	16	Proof not made in time. Reason, ignorance.
of N. W. $\frac{1}{4}$ .....				
S. W. $\frac{1}{4}$ of S. E. $\frac{1}{4}$ .....	8			
N. W. $\frac{1}{4}$ of N. E. $\frac{1}{4}$ and N. E. $\frac{1}{4}$ .....	17	16	17	Do.
of N. W. $\frac{1}{4}$ .....				
Lot 2 of N. E. $\frac{1}{4}$ .....	3	42	3	Proof not made in time. Reason, poverty.
N. E. $\frac{1}{4}$ of S. W. $\frac{1}{4}$ .....	36	66	28	Settlement not made in time. Reason poverty.
S. E. $\frac{1}{4}$ .....	15	29	14	Proof not made in time. Reason, insanity.
N. $\frac{1}{2}$ of N. W. $\frac{1}{4}$ .....	2	14	16	Proof not made in time. Reason, ignorance.
W. frl. $\frac{1}{2}$ of S. W. frl. $\frac{1}{4}$ .....	18	34	5	In conflict with prior entry No. 6575. Prior entry canceled Jan. 15, 1877. Conflict removed.
W. $\frac{1}{2}$ of N. W. $\frac{1}{4}$ and W. $\frac{1}{2}$ of S. W. $\frac{1}{4}$ .....	33	27	3	In conflict with prior entry No. 2067. Prior entry canceled March 29, 1877. Conflict removed.
N. W. $\frac{1}{4}$ of S. E. $\frac{1}{4}$ .....	8	31	13	Proof not made in time. Reason, sickness.
S. $\frac{1}{2}$ lot 2 of N. W. $\frac{1}{4}$ .....	31	32	16	Proof not made in time. Reason, ignorance.
S. W. $\frac{1}{4}$ of N. E. $\frac{1}{4}$ .....	9	33	19	Proof not made in time, Reason, sickness.
S. E. $\frac{1}{4}$ of S. E. $\frac{1}{4}$ .....	24			
N. $\frac{1}{2}$ of N. E. $\frac{1}{4}$ and N. E. $\frac{1}{4}$ of N. W. $\frac{1}{4}$ .....	25	31	15	Proof not made in time. Reason, ignorance.
W. $\frac{1}{2}$ of lot 2 of N. W. $\frac{1}{4}$ .....	1			Do.
E. $\frac{1}{2}$ of lot 1 of N. E. $\frac{1}{4}$ and N. E. $\frac{1}{4}$ of S. E. $\frac{1}{4}$ .....	2	34	22	
E. $\frac{1}{2}$ of S. W. $\frac{1}{4}$ and S. W. $\frac{1}{4}$ of S. E. $\frac{1}{4}$ .....	10	23	12	Proof not made in time. Reason, sickness.
N. $\frac{1}{2}$ of N. W. $\frac{1}{4}$ .....	21	31	16	Proof not made in time. Reason, ignorance.
E. $\frac{1}{2}$ of N. W. $\frac{1}{4}$ .....	36			
S. $\frac{1}{2}$ of S. W. $\frac{1}{4}$ .....	25	23	17	Do.
S. E. $\frac{1}{4}$ .....	34	28	11	Do.
E. $\frac{1}{2}$ of N. E. $\frac{1}{4}$ , N. W. $\frac{1}{4}$ of N. E. $\frac{1}{4}$ and N. E. $\frac{1}{4}$ of S. E. $\frac{1}{4}$ .....	24	21	32	Do.
N. $\frac{1}{2}$ of N. E. $\frac{1}{4}$ .....	31	34	11	Do.
N. $\frac{1}{2}$ of N. E. $\frac{1}{4}$ and lot 1 of N. W. $\frac{1}{4}$ .....	19	28	15	Settlement not made in time. Reason, poverty.
E. $\frac{1}{2}$ lot 1 of N. E. $\frac{1}{4}$ .....	5	34	14	Proof not made in time. Reason, ignorance.
Lot 1 N. E. $\frac{1}{4}$ .....	24	35	18	Do.
W. $\frac{1}{2}$ of S. E. $\frac{1}{4}$ .....	14	9	19	Proof not made in time. Reason, had not secured his citizenship papers in time.



No. 11—*Abstract of suspended cases in the public lands*

Number.	States.	Class of cases.	Rule.	R. and R. No.	Names of parties.
256	Grand Island, Nebr .....	Homestead .....	24	1135	Homer Lee .....
257	.....do .....	.....do .....	24	1798	Christian B. Houser.....
258	.....do .....	.....do .....	24	1867	Bradley B. Carlisle.....
259	.....do .....	.....do .....	25	2852	Jesse B. Penn .....
260	.....do .....	.....do .....	25	3386	Cornelius H. Lozier.....
261	Beatrice, Nebr .....	.....do .....	24	5581	Henry Brogeman .....
262	.....do .....	.....do .....	25	6486	James J. Adcock .....
263	Lincoln, Nebr .....	.....do .....	24	11038	Carl Voss .....
264	.....do .....	.....do .....	25	11249	George Gibbs .....
265	.....do .....	.....do .....	27	11097	J. D. Lyas .....
266	Grand Island, Nebr .....	.....do .....	24	1786	Claus H. Stephens .....
267	.....do .....	.....do .....	25	3522	Emory A. Sage .....
268	Beatrice, Nebr .....	.....do .....	24	6705	James Watmore .....
269	.....do .....	.....do .....	19	6817	Peter Tange .....
270	.....do .....	.....do .....	19	6670	Boncfarz Krabb .....
271	Lincoln .....	.....do .....	.....	11231	Lorenzo Snow .....
272	Lowell, Nebr .....	.....do .....	25	346	Avery W. Chase .....
273	Bloomington, Nebr .....	.....do .....	24	6233	John J. Davis .....
274	Newmansville, Fla.....	Cash .....	11	4231	Franklin De Sha .....
275	Yankton, Dak .....	Homestead .....	.....	3804	Gurence Olson .....
276	Bismarck, Dak .....	.....do .....	19	15	Peter W. Helmer .....
277	.....do .....	.....do .....	19	13	Adam Mann .....
278	Sioux Falls, Dak.....	Homestead 7334, commuted to cash No. 2544.	25	2544	Knab Thompson .....
279	Salt Lake City, Utah .....	Homestead .....	24	1134	William W. Howard.....
280	.....do .....	.....do .....	24	1130	Norton R. Tuttle .....
281	Denver, Colo .....	Cash .....	13	2996	Philip E. Morehouse.....
282	Oregon City, Oreg.....	Homestead .....	25	2075	John H. Fleming .....
283	Falls Saint Croix, Wis.....	.....do .....	24	2114	Isaac N. Tenisse.....
284	Susanville, Cal.....	.....do .....	24	867	Thomas J. Cantrall .....
285	La Mesilla, N. Mex .....	.....do .....	.....	23	Martin Baca .....
286	Des Moines, Iowa .....	.....do .....	24	1504	Daniel D. Searles .....
287	Detroit, Minn.....	.....do .....	25	409	William P. McKintry .....
288	Carson City, Nev.....	.....do .....	24	102	Mrs. Isabella Lawrence, widow of Chesley Law- rence.
289	Salt Lake City, Utah .....	.....do .....	24	1137	William McIntosh .....
290	Roseburg, Oreg.....	.....do .....	24	1147	Enoch Conger .....
291	.....do .....	.....do .....	24	1151	John Roten .....
292	New Orleans, La.....	.....do .....	25	859	Frerick Beseler .....
293	.....do .....	.....do .....	24	861	Margaret C. Garvey, widow of Joseph Garvey.
294	Pueblo, Colo.....	.....do .....	24	465	Philip Zoeller .....
295	.....do .....	.....do .....	24	466	Samuel C. Stout .....
296	Sioux City, Iowa.....	.....do .....	19	4323	Abram A. Verinilyea .....
297	Fergus Falls, Minn .....	.....do .....	.....	2279	L. Carlson .....
298	.....do .....	.....do .....	25	2435	Ole J. Stampoo .....
299	.....do .....	.....do .....	25	2319	C. Ericksen .....
300	.....do .....	.....do .....	25	2377	John Billstrom .....
301	.....do .....	.....do .....	25	2503	Benjamin F. Sriver .....
302	.....do .....	.....do .....	25	2646	Jonas Kropp .....
303	.....do .....	.....do .....	25	2306	Ole Oleson Arme.....
304	.....do .....	.....do .....	25	2592	Gunnus P. Rowell .....
305	.....do .....	.....do .....	25	1371	Tobias Hendricksen .....



division of the General Land Office, &amp;c.—Continued.

Parts of section.	Section.	Township.	Range.	Cause of suspension.
N. $\frac{1}{2}$ of S. E. $\frac{1}{4}$ .....	32	16	3	Proof not made in time. Reason, ignorance.
N. E. $\frac{1}{4}$ .....	28	11	10	Proof not made in time. Reason, poverty.
W. $\frac{1}{2}$ of N. W. $\frac{1}{4}$ .....	2	10	9	Proof not made in time. Reason, ignorance.
E. $\frac{1}{2}$ of S. E. $\frac{1}{4}$ .....	8	13	10	Settlement not made in time. Reason, sickness.
E. $\frac{1}{2}$ of N. E. $\frac{1}{4}$ .....	30	12	11	Do.
S. W. $\frac{1}{4}$ of N. W. $\frac{1}{4}$ .....	5	4	13	Proof not made in time. Reason, failed to receive citizen ship papers in time.
S. E. $\frac{1}{4}$ .....	34	5	6	Settlement not made in time. Reason, sickness.
S. $\frac{1}{2}$ of N. E. $\frac{1}{4}$ .....	34	16	2	Proof not made in time. Reason, sickness.
S. W. $\frac{1}{4}$ .....	32	10	4	Settlement not made in time. Reason, sickness.
E. $\frac{1}{2}$ of N. W. $\frac{1}{4}$ .....	14	7	3	An abandoned wife makes proof.
S. E. $\frac{1}{4}$ .....	32	13	9	Proof not made in time. Reason, ignorance.
S. E. $\frac{1}{4}$ .....	32	20	1	Settlement not made in time. Reason, severe weather.
S. E. $\frac{1}{4}$ .....	8	5	4	Proof not made in time. Reason, sickness.
E. $\frac{1}{2}$ of N. W. $\frac{1}{4}$ .....	2	3	1	Conflict with prior entry. Prior entry canceled.
W. $\frac{1}{2}$ of S. E. $\frac{1}{4}$ .....	10	6	6	Do.
E. $\frac{1}{2}$ of S. E. $\frac{1}{4}$ .....	30	9	3	Settlement not made in time. Reason, house built over the line through mistake.
S. W. $\frac{1}{4}$ .....	8	8	10	Settlement not made in time. Reason, roads blocked with snow.
S. W. $\frac{1}{4}$ .....	2	1	16	Proof not made in time. Reason, ignorance.
N. W. $\frac{1}{4}$ of S. E. $\frac{1}{4}$ lot 2, and W. $\frac{1}{2}$ of lot 3 and lot 4.	30	8	22	Land not in market at date of entry; entry made in good faith; valuable improvements on the land.
S. E. $\frac{1}{4}$ .....	30	95	54	Residence not continuous. See supplemental proof.
N. W. $\frac{1}{4}$ .....	24	138	80	Conflict with prior entry; prior entry canceled.
S. E. $\frac{1}{4}$ .....	14	138	80	Do.
S. E. $\frac{1}{4}$ .....	7	99	50	Settlement not made in time. Reason, severe storms.
W. $\frac{1}{2}$ of S. W. $\frac{1}{4}$ .....	8	11	2	Proof not made in time. Reason, ignorance.
N. W. $\frac{1}{4}$ of N. E. $\frac{1}{4}$ .....	35			
W. $\frac{1}{2}$ of S. E. $\frac{1}{4}$ and S. W. $\frac{1}{4}$ of N. E. $\frac{1}{4}$ .....	26	3	4	Do.
S. W. $\frac{1}{4}$ of S. W. $\frac{1}{4}$ .....	2			
E. $\frac{1}{2}$ of S. E. $\frac{1}{4}$ .....	4	10	66	Land not subject to disposal at date of entry.
S. $\frac{1}{2}$ of S. E. $\frac{1}{4}$ .....	10	2	3	Settlement not made in time. Reason, sickness.
Lots 2, 3, and 4 and N. W. $\frac{1}{4}$ of S. E. $\frac{1}{4}$ .....	7	38	19	Proof not made in time. Reason, delayed in securing an amendment to his entry.
E. $\frac{1}{2}$ of N. E. $\frac{1}{4}$ and E. $\frac{1}{2}$ of S. E. $\frac{1}{4}$ .....	32	43	16	Proof not made in time. Reason, error in original papers which had to be corrected.
N. E. $\frac{1}{4}$ .....	35	15	10	Settlement not made as required. Reason, hostility of Indians.
W. $\frac{1}{2}$ of S. W. $\frac{1}{4}$ .....	24	93	41	Proof not made in time. Reason, sickness.
N. W. $\frac{1}{4}$ of S. W. $\frac{1}{4}$ .....	22	139	42	Settlement not made in time. Reason, poverty.
S. W. $\frac{1}{4}$ of S. W. $\frac{1}{4}$ .....	14			
S. E. $\frac{1}{4}$ of S. E. $\frac{1}{4}$ .....	15			
N. E. $\frac{1}{4}$ of N. E. $\frac{1}{4}$ .....	22			
and N. W. $\frac{1}{4}$ of N. W. $\frac{1}{4}$ .....	23	42	39	Proof not made in time. Reason, original papers mislaid.
N. E. $\frac{1}{4}$ of S. W. $\frac{1}{4}$ and N. $\frac{1}{2}$ of S. E. $\frac{1}{4}$ .....	19	5	5	Proof not made in time. Reason, distance from local office.
N. $\frac{1}{2}$ of N. E. $\frac{1}{4}$ .....	14	19	2	Proof not made in time. Reason, ignorance.
E. $\frac{1}{2}$ of S. W. $\frac{1}{4}$ and S. E. $\frac{1}{4}$ of N. W. $\frac{1}{4}$ .....	2			
N. E. $\frac{1}{4}$ of N. W. $\frac{1}{4}$ .....	11	37	3	Do.
N. E. $\frac{1}{4}$ .....	29	9	3	Residence not made in time. Reason, ignorance.
S. E. $\frac{1}{4}$ .....	26	9	1	Proof not made in time. Reason, ignorance.
W. $\frac{1}{2}$ of N. E. $\frac{1}{4}$ and E. $\frac{1}{2}$ of N. W. $\frac{1}{4}$ .....	13	21	64	Do.
S. E. $\frac{1}{4}$ .....	4	12	66	Do.
E. $\frac{1}{2}$ of S. W. $\frac{1}{4}$ .....	8	87	45	Conflict with prior entry. Prior entry canceled August 6, 1877.
S. E. $\frac{1}{4}$ of S. E. $\frac{1}{4}$ , N. E. $\frac{1}{4}$ of S. W. $\frac{1}{4}$ and W. $\frac{1}{2}$ of S. E. $\frac{1}{4}$ .....	10	131	37	Residence not continuous. Family burned to death. Proof made by guardian of minor child.
S. W. $\frac{1}{4}$ .....	10	133	41	Residence not made in time. Reason, sickness.
S. $\frac{1}{2}$ of N. E. $\frac{1}{4}$ and N. $\frac{1}{2}$ of S. E. $\frac{1}{4}$ .....	34	135	44	Do.
Fractional W. $\frac{1}{2}$ of N. W. $\frac{1}{4}$ .....	4	131	40	Residence not made in time. Reason, poverty.
S. $\frac{1}{2}$ of S. E. $\frac{1}{4}$ , and E. $\frac{1}{2}$ of S. W. $\frac{1}{4}$ .....	18	130	36	Residence not made in time. Reason, sickness.
S. $\frac{1}{2}$ of S. W. $\frac{1}{4}$ .....	4	134	36	Residence not made in time. Reason, poverty.
S. $\frac{1}{2}$ of N. E. $\frac{1}{4}$ , and N. $\frac{1}{2}$ of S. E. $\frac{1}{4}$ .....	22	133	41	Residence not made in time. Reason, sickness.
S. $\frac{1}{2}$ of S. E. $\frac{1}{4}$ .....	8	127	43	Residence not made in time. Reason, no building material in time.
S. E. $\frac{1}{4}$ of N. W. $\frac{1}{4}$ , E. $\frac{1}{2}$ of S. W. $\frac{1}{4}$ , and S. W. $\frac{1}{4}$ of S. W. $\frac{1}{4}$ .....	18	135	44	Residence not made in time. Reason, poverty.



No. 11.—*Abstract of suspended cases in the public lands*

Number.	States.	Class of cases.	Rule.	R. and R. No.	Names of parties.
306	New Ulm, Minn.....	Homestead .....	25	7210	Nils Soenson.....
307	.....do .....	.....do .....	25	7664	Dean Blodgett .....
308	.....do .....	.....do .....	25	7317	James Rose.....
309	.....do .....	.....do .....	25	3594	N. E. Cleveland.....
310	.....do .....	.....do .....	25	3634	Benjamin Olson.....
311	Des Moines, Iowa.....	.....do .....	25	791	David S. Coughlon.....
312	Ionia, Mich .....	.....do .....	25	2363	Richard Brown .....
313	Springfield, Mo .....	.....do .....	24	4054	Daniel Stutsman.....
314	Boonville, Mo.....	.....do .....	24	3167	Robert Halbert .....
315	Sioux Fall, Dak .....	.....do .....	25	4050	Joseph Cox .....
316	Hays City, Kans .....	.....do .....	25	542	I. A. Stumbaugh.....
317	.....do .....	.....do .....	25	456	Samuel Reed.....
318	Kirwin, Kans .....	.....do .....	25	1407	Hans Hohlman.....
319	.....do .....	.....do .....	25	74	George F. Dixon.....
320	Concordia, Kans .....	.....do .....	25	2645	John F. Craig .....
321	.....do .....	.....do .....	25	8630	L. M. Johnson .....
322	.....do .....	.....do .....	27	8450	Anna Hunter.....
323	Topeka, Kans .....	.....do .....	24	2432	Daniel Zellars .....
324	Concordia, Kans .....	.....do .....	24	6168	Elias Stenvers .....
325	Salina, Kans.....	.....do .....	24	4809	George W. Deveny.....
326	.....do .....	.....do .....	24	4814	John A. Hickman.....
327	.....do .....	.....do .....	24	4816	John Trummer.....
328	.....do .....	.....do .....	24	4817	Levi Hines .....
329	.....do .....	.....do .....	24	4818	Frederick Wise.....
330	.....do .....	.....do .....	24	4832	Isaac M. Neal.....
331	.....do .....	.....do .....	24	4819	John M. Land .....
332	.....do .....	.....do .....	24	4826	David C. Barritt .....
333	.....do .....	.....do .....	24	4850	William T. Morris .....
334	.....do .....	.....do .....	24	12355	David C. Bascom.....
335	Bloomington, Nebr .....	.....do .....	25	3443	Charles G. Swan .....
336	Grand Island, Nebr.....	.....do .....	25	4034	John McKellar .....
337	.....do .....	.....do .....	25	5323	Louis P. Ganger .....
338	.....do .....	.....do .....	24	3282	Nicholas Geutteman.....
339	Lincoln, Nebr .....	.....do .....	25, 24	7392	Charles Radensleben.....
340	Beatrice, Nebr.....	.....do .....	24	6170	James R. Hoagland .....
341	.....do .....	.....do .....	.....	6282	Edward Kinny .....
342	.....do .....	.....do .....	.....	7668	William McPherson .....
343	Bloomington, Nebr .....	.....do .....	22	5559	Andrew G. Nilson .....
344	.....do .....	.....do .....	25	3090	Wiley Baldwin .....
345	.....do .....	.....do .....	25	379	Leonard W. Rice.....
346	Lincoln, Nebr .....	.....do .....	24	15061	Maria St. John .....
347	.....do .....	.....do .....	24	11646	Thomas D. Wirb.....
348	.....do .....	.....do .....	24	11690	James Williams .....
349	.....do .....	.....do .....	24	11689	Cyrus Wright .....
350	Grand Island, Nebr .....	.....do .....	25	4419	David E. Logan .....
351	.....do .....	.....do .....	24	3548	Jonas Blomgren .....
352	Kirwin, Kans .....	.....do .....	25	209	Ocke Heman.....
353	.....do .....	.....do .....	27	994	James Fordyce .....
354	Wichita, Kans .....	.....do .....	19	2919	William Parley .....
355	Larned, Kans .....	Cash.....	25	521	Jacob Scherderer .....
356	Independence, Kans .....	Homestead .....	24	3217	John Shelton .....
357	Salina, Kans .....	.....do .....	25	16311	Andrew F. Johnson.....
358	.....do .....	.....do .....	25	14460	Hannah Wright .....
359	.....do .....	.....do .....	24	12038	Hiram Stowitts .....
360	.....do .....	.....do .....	25	14904	Christian Schlatter .....
361	Wausau, Wis .....	.....do .....	25	1217	Thomas Murry .....
362	Eau Claire, Wis.....	.....do .....	25	2315	Bergeth Anderson .....
363	.....do .....	.....do .....	25	2167	Edwin W. Smith.....
364	.....do .....	.....do .....	25	1636	Fritz Semisch.....
365	.....do .....	.....do .....	25	4306	John Corwin.....
366	Falls Saint Clair, Wis.....	.....do .....	24	2760	Christian Marbach.....



division of the General Land Office, &amp;c.—Continued.

Parts of section.	Section.	Township.	Range.	Cause of suspension.
N. E. $\frac{1}{4}$ .....	4	106	42	Residence not made in time. Reason, cold weather.
N. $\frac{1}{2}$ of N. W. $\frac{1}{4}$ .....	6	108	40	Residence not made in time. Reason, sickness.
S. W. $\frac{1}{4}$ .....	2	108	40	Residence not made in time. Reason, poverty.
S. E. $\frac{1}{4}$ of N. E. $\frac{1}{4}$ , N. W. $\frac{1}{4}$ of S. E. $\frac{1}{4}$ , and lots 3 and 5.	6	108	41	Residence not made in time. Reason, sickness.
S. W. $\frac{1}{4}$ .....	10	106	41	Residence not made in time. Reason, severe snow storms.
E. $\frac{1}{2}$ of S. E. $\frac{1}{4}$ .....	28	90	29	Residence not made in time. Proof made three months before time. Error in date of duplicate.
N. W. fractional $\frac{1}{4}$ .....	18	18	13	Residence not continuous. Reason, ignorance.
E. $\frac{1}{2}$ of lot 7 of N. E. $\frac{1}{4}$ .....	1	29	20	Proof not made in time. Reason, ignorance.
S. E. $\frac{1}{4}$ of N. W. $\frac{1}{4}$ , and S. W. $\frac{1}{4}$ of N. E. $\frac{1}{4}$ .....	29	39	22	Do.
S. $\frac{1}{2}$ of S. W. $\frac{1}{4}$ .....	24			
N. $\frac{1}{2}$ of N. W. $\frac{1}{4}$ .....	25	93	50	Residence not made in time. Reason, sickness.
N. W. $\frac{1}{4}$ .....	20	18	18	Do.
N. W. $\frac{1}{4}$ .....	19	18	17	Do.
N. E. $\frac{1}{4}$ .....	24	4	12	Residence not made in time. Reason, poverty.
N. W. $\frac{1}{4}$ .....	28	2	18	Residence not made in time. Reason, unable to complete his house.
N. $\frac{1}{2}$ of S. E. $\frac{1}{4}$ , and S. W. $\frac{1}{4}$ of S. E. $\frac{1}{4}$ .....	10	9	5	Residence not made in time. Reason, poverty.
W. $\frac{1}{2}$ of N. E. $\frac{1}{4}$ and W. $\frac{1}{2}$ of S. E. $\frac{1}{4}$ .....	11	4	5	Residence not made in time. Reason, sickness.
W. $\frac{1}{2}$ of N. E. $\frac{1}{4}$ .....	20	10	6	An abandoned wife makes proof.
N. W. $\frac{1}{4}$ .....	22	18	9	Proof not made in time. Reason, ignorance.
W. $\frac{1}{2}$ of N. E. $\frac{1}{4}$ .....	22	9	8	Do.
W. $\frac{1}{2}$ of S. E. $\frac{1}{4}$ .....	18	13	8	Do.
N. E. $\frac{1}{4}$ .....	24	19	4	Do.
N. W. $\frac{1}{4}$ .....	26	14	12	Do.
W. $\frac{1}{2}$ of S. E. $\frac{1}{4}$ .....	26	14	12	Do.
S. W. $\frac{1}{4}$ .....	26	14	12	Do.
N. E. $\frac{1}{4}$ .....	4	14	14	Do.
N. $\frac{1}{2}$ of S. E. $\frac{1}{4}$ .....	32	14	4	Do.
N. $\frac{1}{2}$ of N. W. $\frac{1}{4}$ .....	6	13	2	Do.
S. E. $\frac{1}{4}$ .....	29	19	2	Do.
N. E. $\frac{1}{4}$ .....	24	15	6	Do.
N. E. $\frac{1}{4}$ .....	12	6	17	Residence not made in time. Reason, sickness.
N. W. $\frac{1}{4}$ .....	25	17	16	Residence not made in time. Reason, poverty.
N. W. $\frac{1}{4}$ .....	10	18	15	Do.
W. $\frac{1}{2}$ of N. E. $\frac{1}{4}$ .....	20	19	1	Proof not made in time. Reason, poverty.
E. $\frac{1}{2}$ of S. W. $\frac{1}{4}$ .....	26	17	6	Residence and proof not made in time. Reason, ignorance.
S. W. $\frac{1}{4}$ of S. E. $\frac{1}{4}$ .....	2	5	4	Proof not made in time. Reason, ignorance.
S. E. $\frac{1}{4}$ .....	14	4	13	Residence not continuous. Reason, sickness.
N. W. $\frac{1}{4}$ .....	34	6	3	Do.
S. $\frac{1}{2}$ of S. W. $\frac{1}{4}$ and S. W. $\frac{1}{4}$ of S. E. $\frac{1}{4}$ .....	1			
and N. W. $\frac{1}{4}$ of N. W. $\frac{1}{4}$ .....	12	2	20	Land unoffered. Second filing illegal. Cured by Rule 22.
S. E. $\frac{1}{4}$ .....	22	2	10	Settlement not made in time. Reason, sickness.
W. $\frac{1}{2}$ of S. W. $\frac{1}{4}$ , N. E. $\frac{1}{4}$ of S. W. $\frac{1}{4}$ , and N. W. $\frac{1}{4}$ of S. E. $\frac{1}{4}$ .....	1	5	23	Do.
W. $\frac{1}{2}$ of N. E. $\frac{1}{4}$ .....	6	12	4	Proof made in an adjoining county. Reason, sickness.
N. E. $\frac{1}{4}$ .....	14	12	3	Proof not made in time. Reason, poverty.
S. E. $\frac{1}{4}$ .....	32	10	7	Do.
N. E. $\frac{1}{4}$ .....	4	9	7	Do.
S. W. $\frac{1}{4}$ .....	12	19	6	Residence not made in time. Reason, poverty.
N. $\frac{1}{2}$ of N. W. $\frac{1}{4}$ .....	22	13	11	Proof not made in time. Reason, did not receive citizenship papers in time.
S. W. $\frac{1}{4}$ .....	15	4	12	Residence not made in time. Reason, inclemency of weather.
N. E. $\frac{1}{4}$ .....	8	1	10	An abandoned wife makes proof.
N. W. $\frac{1}{4}$ .....	2	23	3	Conflict with prior cash entry No. 595; canceled September 16, 1878.
Lots 1 and 2 .....	30	19	14	Residence not made in time. Reason, poverty.
S. $\frac{1}{2}$ of S. W. $\frac{1}{4}$ .....	12	23	14	Proof not made in time. Reason, ignorance.
S. W. $\frac{1}{4}$ .....	2	17	6	Residence not made in time. Reason, poverty.
W. $\frac{1}{2}$ of S. E. $\frac{1}{4}$ .....	24	12	4	Residence not made in time. Reason, sickness.
W. $\frac{1}{2}$ of S. E. $\frac{1}{4}$ .....	4	14	2	Proof not made in time. Reason, ignorance.
N. E. $\frac{1}{4}$ .....	26	20	5	Residence not made in time. Reason, sickness.
S. $\frac{1}{2}$ of N. E. $\frac{1}{4}$ .....	34	28	2	Do.
E. $\frac{1}{2}$ of S. E. $\frac{1}{4}$ and S. W. $\frac{1}{4}$ of S. E. $\frac{1}{4}$ .....	15			
and N. E. $\frac{1}{4}$ of N. E. $\frac{1}{4}$ .....	22	31	11	Residence not made in time. Reason, ignorance.
E. $\frac{1}{2}$ of S. E. $\frac{1}{4}$ .....	30	30	6	Do.
S. $\frac{1}{2}$ of N. E. $\frac{1}{4}$ .....	4	26	8	Do.
N. W. $\frac{1}{4}$ .....	30	26	8	Residence not made in time. Reason, poverty.
E. $\frac{1}{2}$ of S. W. $\frac{1}{4}$ .....	32	32	19	Proof not made in time. Reason, ignorance.



No. 11.—*Abstract of suspended cases in the public lands*

Number.	States.	Class of cases.	Rule.	R. and R. No.	Names of parties.
367	Falls Saint Clair, Wis. ....	Homestead .....	24, 25	2712	Carl F. Johnson .....
368	La Crosse, Wis. ....	do .....	24	1053	Oliver P. Peek .....
369	Jackson, Minn. ....	do .....	25	9362	Ellen Helgson .....
370	Benson, Minn. ....	Cash .....		4414	Arthur A. Lyman .....
371	do .....	Homestead .....	25	5855	Jens Olson .....
372	do .....	do .....	25	5611	Isaae Isaason .....
373	Fergus Falls, Minn. ....	do .....		2749	Edmund Wright .....
374	Roseburg, Oreg. ....	do .....	25	1164	William A. State .....
375	do .....	do .....	25	1139	Charles P. Cattrell .....
376	Salt Lake City, Utah .....	do .....	24	1172	Sandford Green .....
377	do .....	do .....		966	George W. Russell .....
378	Saeramento, Cal. ....	do .....	19	740	William F. Shelly .....
379	Fair Play, Colo. ....	Cash .....	19	432	Charles Winkleer .....
380	Denver, Col. ....	Homestead .....	25	1173	James Minks .....
381	Vermillion, Dak. ....	do .....	25	4223	Fanny Richardson .....
382	Sioux Falls, Dak. ....	do .....	25	4867	Lorenzo B. Lathe .....
383	Springfield, Mo. ....	Cash .....		31288	Alsephus F. Robertson .....
384	Boonville, Mo. ....	Homestead .....	24	5708	A. J. Beekham .....
385	do .....	do .....	24	2021	Franeis M. Harlin .....
386	Camden, Ark. ....	do .....	24	1864	John A. Brown .....
387	Reed City, Mich. ....	do .....	24	4031	Louis Pe-Wa-bic-eoons .....
388	do .....	do .....	24	4032	Joseph Noag-gas-kaw .....
389	do .....	do .....	24	4033	Moses Noag-gas-kaw .....
390	do .....	do .....	24	4040	Niekolaus Detzler .....
391	do .....	do .....	24	3980	Samuel Sinelair .....
392	do .....	do .....	25	3976	Daniel H. Baldwin .....
393	do .....	do .....	25	4014	Robert Patterson .....
394	East Saginaw, Mich. ....	do .....	24	1171	Stephen Byse .....
395	Des Moines, Iowa .....	do .....	24	1941	Orin D. Goff .....
396	do .....	do .....	24	1897	James Holland .....
397	Fort Dodge, Iowa. ....	Cash .....	19	5134	Franklin H. Smith .....
398	Kirwin, Kans. ....	Homestead .....	25	905	John B. Parks .....
399	do .....	do .....	25	1028	George H. Simpson .....
400	do .....	do .....	25	1707	F. W. Agard .....
401	do .....	do .....	25	2194	Flavious J. Vinsonhaler ...
402	do .....	do .....	25	2237	Eliza Buell, widow of H. Buell, deeeased.
403	do .....	do .....	25	2405	John Emeriek .....
404	do .....	do .....	25	2428	James H. Finch .....
405	Concordia, Kans. ....	do .....	24	9288	Jesse E. Mawk .....
406	do .....	do .....	24	1022	Julius W. Paul .....
407	do .....	do .....	24	7601	George Wishart .....
408	do .....	do .....	25	11307	George E. Keys .....
409	do .....	do .....	25	9980	Fannie Lowell, widow of E. M. Lowell, deeeased.
410	Larned, Kans. ....	do .....	25	1019	Samuel H. Seaman .....
411	do .....	do .....	25	14931	Moses D. Fletcher .....
412	Wiehita, Kans. ....	do .....	25	2717	William Shatwell .....
413	do .....	do .....	25	3260	Jobo Sharp .....
414	do .....	do .....	24	3167	William McDenmed .....
415	Lincoln, Nebr. ....	do .....	24	11684	Dorchester Merrick .....
416	do .....	do .....	24	11238	J. P. Headland .....
417	do .....	do .....	24	10116	Elijah J. Groves .....
418	Newnansville, Fla. ....	Cash .....	13	4996	Jasper B. Evers .....



division of the General Land Office, &amp;c.—Continued.

Parts of section.	Section.	Township.	Range.	Cause of suspension.
N. W. $\frac{1}{4}$ .....	20	38	18	Proof and settlement not made in time. Reason, ignorance.
S. W. $\frac{1}{4}$ of S. W. $\frac{1}{4}$ .....	29	11	4	Do.
N. E. $\frac{1}{4}$ .....	8	103	45	Residence not made in time. Reason, poverty.
S. E. $\frac{1}{4}$ .....	12	123	45	Residence not continuous. (See Commissioner's letter of May 1, 1879, herewith.)
N. $\frac{1}{2}$ of S. E. $\frac{1}{4}$ .....	22	116	38	Residence not made in time. Reason, poverty.
S. W. $\frac{1}{4}$ of N. E. $\frac{1}{4}$ and N. W. $\frac{1}{4}$ of S. E. $\frac{1}{4}$ .....	24	123	39	Do.
N. E. $\frac{1}{4}$ .....	12	132	36	Special. (See Commissioner's letter A, herewith.)
Lots 4, 5, and 6 and S. $\frac{1}{2}$ of S. E. $\frac{1}{4}$ .....	2	14	8	Residence not made in time. Reason, sickness.
N. $\frac{1}{2}$ of N. W. $\frac{1}{4}$ , S. E. $\frac{1}{4}$ of N. W. $\frac{1}{4}$ , and N. E. $\frac{1}{4}$ of S. W. $\frac{1}{4}$ .....	25	37	1	Do.
S. W. $\frac{1}{4}$ .....	33	2	6	Proof not made in time. Reason, ignorance.
S. W. $\frac{1}{4}$ of N. E. $\frac{1}{4}$ , N. W. $\frac{1}{4}$ of S. E. $\frac{1}{4}$ , and N. $\frac{1}{2}$ of S. W. $\frac{1}{4}$ .....	22	15	3	Conflict with University selection, which has been canceled.
N. $\frac{1}{2}$ of N. E. $\frac{1}{4}$ .....	24	6	7	Conflict with prior homestead entry 2124, which was canceled February 9, 1878.
S. E. $\frac{1}{4}$ of N. E. $\frac{1}{4}$ and N. E. $\frac{1}{4}$ of S. E. $\frac{1}{4}$ .....	28			
and N. $\frac{1}{2}$ of S. W. $\frac{1}{4}$ .....	27	7	73	Conflict with prior homestead entry 11, which was canceled February 25, 1880.
N. $\frac{1}{2}$ of N. E. $\frac{1}{4}$ .....	24	1	70	Residence not made in time. Reason, sickness.
N. E. $\frac{1}{4}$ .....	9	104	50	Do.
S. $\frac{1}{2}$ of N. E. $\frac{1}{4}$ , N. W. $\frac{1}{4}$ of N. E. $\frac{1}{4}$ , and N. E. $\frac{1}{4}$ of N. W. $\frac{1}{4}$ .....	34	109	50	Residence not made in time. Reason, destruction of crop by grasshoppers.
N. E. $\frac{1}{4}$ of S. E. $\frac{1}{4}$ and S. E. $\frac{1}{4}$ of N. E. $\frac{1}{4}$ .....	18	33	14	Land not restored to market; entry illegal.
N. W. $\frac{1}{4}$ of S. E. $\frac{1}{4}$ and N. $\frac{1}{2}$ of S. W. $\frac{1}{4}$ .....	31	39	6	Proof not made in time. Reason, ignorance.
S. W. $\frac{1}{4}$ of S. E. $\frac{1}{4}$ .....	11			Do.
and N. W. $\frac{1}{4}$ of N. E. $\frac{1}{4}$ .....	14	37	22	
N. $\frac{1}{2}$ of N. W. $\frac{1}{4}$ .....	36	3	20	Proof not made in time. Reason, sickness.
E. $\frac{1}{2}$ of S. E. $\frac{1}{4}$ .....	6	35	3	Proof not made in time. (See affidavit of county clerk, with papers.)
W. $\frac{1}{2}$ of S. E. $\frac{1}{4}$ .....	6	35	3	Do.
S. E. $\frac{1}{4}$ .....	18	36	3	Do.
N. W. $\frac{1}{4}$ of S. W. $\frac{1}{4}$ .....	20	14	7	Proof not made in time. Reason, ignorance.
E. $\frac{1}{2}$ of N. W. $\frac{1}{4}$ .....	36	32	8	Do.
E. $\frac{1}{2}$ of S. E. $\frac{1}{4}$ .....	28	31	6	Residence not continuous. Reason, sickness.
W. $\frac{1}{2}$ of S. W. $\frac{1}{4}$ .....	10	30	6	Residence not made in time. Reason, severe storms and bad roads.
N. fl. $\frac{1}{2}$ of N. E. fl. $\frac{1}{4}$ and N. fl. $\frac{1}{2}$ of N. W. fl. $\frac{1}{4}$ .....	3	24	5	Proof not made in time. Reason, ignorance.
N. $\frac{1}{2}$ of N. W. $\frac{1}{4}$ .....	4	96	34	Do.
N. E. $\frac{1}{4}$ .....	32	98	41	Proof not made in time. Reason, poverty.
S. W. $\frac{1}{4}$ of N. W. $\frac{1}{4}$ .....	12	89	22	Conflict with prior home entry No. 41; prior entry canceled March 26, 1880.
E. $\frac{1}{2}$ of N. E. $\frac{1}{4}$ and E. $\frac{1}{2}$ of S. E. $\frac{1}{4}$ .....	34	3	12	Residence not made in time. Reason, sickness.
N. $\frac{1}{2}$ of N. E. $\frac{1}{4}$ .....	13			
and S. $\frac{1}{2}$ of S. E. $\frac{1}{4}$ .....	12	1	10	Residence not made in time. Reason, poverty.
S. W. $\frac{1}{4}$ .....	23	4	16	Residence not made in time. Reason, poverty and grasshoppers.
S. W. $\frac{1}{4}$ .....	23	3	12	Residence not made in time. Reason, sickness.
S. W. $\frac{1}{4}$ .....	1	3	18	Do.
N. E. $\frac{1}{4}$ .....	8	7	9	Do.
N. E. $\frac{1}{4}$ .....	28	3	18	Do.
N. W. $\frac{1}{4}$ of S. W. $\frac{1}{4}$ .....	35	7	6	Proof not made in time. Reason, sickness.
S. W. $\frac{1}{4}$ of S. E. $\frac{1}{4}$ .....	14	9	7	Proof not made in time. Reason, poverty.
S. E. $\frac{1}{4}$ of S. W. $\frac{1}{4}$ .....	29			
and N. E. $\frac{1}{4}$ of N. W. $\frac{1}{4}$ and W. $\frac{1}{2}$ of N. E. $\frac{1}{4}$ .....	32	1	7	Proof not made in time. Reason, sickness.
S. $\frac{1}{2}$ of S. E. $\frac{1}{4}$ .....	20			
and N. $\frac{1}{2}$ of N. E. $\frac{1}{4}$ .....	29	3	7	Residence not made in time. Reason, poverty, and sickness of wife.
W. $\frac{1}{2}$ of N. W. $\frac{1}{4}$ .....	1			
and E. $\frac{1}{2}$ of N. E. $\frac{1}{4}$ .....	2	1	8	Residence not made in time. Reason, sickness.
Lots 1 and 2 and E. $\frac{1}{2}$ of N. W. $\frac{1}{4}$ .....	30	25	20	Residence not made in time. Reason, ignorance.
S. $\frac{1}{2}$ of S. W. $\frac{1}{4}$ .....	2	20	11	Do.
S. W. fl. $\frac{1}{4}$ .....	30	21	3	Residence not made in time. Reason, sickness.
S. E. $\frac{1}{4}$ .....	12	22	5	Residence not made in time. Reason, poverty.
E. $\frac{1}{2}$ of S. E. $\frac{1}{4}$ .....	34	24	6	Proof not made in time. Reason, sickness.
S. $\frac{1}{2}$ of N. W. $\frac{1}{4}$ .....	6	14	1	Proof not made in time. Reason, ignorance.
E. $\frac{1}{2}$ of S. W. $\frac{1}{4}$ .....	34	14	3	Do.
W. $\frac{1}{2}$ of S. W. $\frac{1}{4}$ .....	2	10	9	Do.
N. W. $\frac{1}{4}$ of N. W. $\frac{1}{4}$ .....	32	4	15	Land temporarily withdrawn from market at date of entry.



No. 11.—*Abstract of suspended cases in the public lands*

Number.	States.	Class of cases.	Rule.	R. and R. No.	Names of parties.
419	Newnansville, Fla .....	Cash .....	13	4892	Jasper B. Evers .....
420	Fargo, Dak. ....	Homestead .....	Special	1105	Benjamin F. Gibbs .....
421	.....do .....	.....do .....	Special	1106	Levi Garrison .....
422	.....do .....	.....do .....	do ..	1107	John A. Streets .....
423	Olympia, Wash. ....	.....do .....	25	1078	James W. Bunker .....
424	Roseburg, Oreg. ....	.....do .....	24	1180	John G. Lauterman .....
425	Bozeman, Mont. ....	.....do .....	24	191	Wesland Hansord .....
426	Springfield, Mo. ....	.....do .....	Special	73	Johnston Craig .....
427	Boonville, Mo. ....	.....do .....	24	3001	Ephraim F. Halbert .....
428	Sioux Falls, Dak. ....	.....do .....	25	2894	J. L. Brandvold, widow of Lais O., deceased.
429	.....do .....	.....do .....	25	6878	John R. Jackson .....
430	Denver, Colo. ....	.....do .....	24	1236	John J. Walk .....
431	Saint Cloud, Minn. ....	.....do .....	24	7545	John Long .....
432	Detroit, Mich. ....	.....do .....	25	480	Michael McNulty .....
433	Duluth, Minn. ....	.....do .....	25	952	John Mix .....
434	Wausaw, Wis. ....	.....do .....	25	1440	Michael Frayer .....
435	La Crosse, Wis. ....	.....do .....	25	6553	Kundt Kundtson .....
436	Wausaw, Wis. ....	.....do .....	25	1135	Thomas Peekham .....
437	Falls Saint Croix, Wis. ....	.....do .....	Special	2113	Charles W. Nichols .....
438	Eau Claire, Wis. ....	.....do .....	25	2404	August Siebansohn .....
439	.....do .....	.....do .....	25	2757	Thomas Thomason .....
440	.....do .....	.....do .....	24, 25	2330	John J. Webster .....
441	.....do .....	.....do .....	25	2455	Ole Anderson .....
442	.....do .....	.....do .....	24, 25	2305	Thorsten Anderson .....
443	.....do .....	.....do .....	25	2448	Owen Kelley .....
444	.....do .....	.....do .....	24	2019	John Grim .....
445	Wausaw, Wis. ....	.....do .....	24	1282	Ole Brederson .....
446	.....do .....	.....do .....	25	1238	Benjamin Gilpen .....
447	Stevens Point, Wis. ....	.....do .....	24, 25	1107	Zophar Nelson .....
448	Benson, Minn. ....	.....do .....	24, 25	4401	Elek T. Lee .....
449	.....do .....	.....do .....	25	5555	Amos R. Cushman .....
450	.....do .....	.....do .....	25	5782	L. Q. Mo. ....
451	.....do .....	.....do .....	25	5661	Nels Nelson .....
452	.....do .....	.....do .....	24	5326	Kmedt K. Vegen .....
453	.....do .....	.....do .....	25	7549	Frank E. Randall .....
454	New Ulm, Minn. ....	.....do .....	25	7409	Joseph V. Mathews .....
455	.....do .....	.....do .....	24	3434	Johann Sehenk .....
456	Worthington, Minn. ....	.....do .....	24	8542	Filman Lewzen .....
457	.....do .....	.....do .....	25	8254	Frank Henderson .....
458	.....do .....	.....do .....	25	9406	Harriet N. Kelly .....
459	Fergus Falls, Minn. ....	.....do .....	25	2548	Even Evenson .....
460	.....do .....	.....do .....	25	2508	James Skog .....
461	Reed City, Mich. ....	.....do .....	19	4022	Joseph Pagnette .....
462	.....do .....	.....do .....	19	4006	Hiram F. Young .....
463	.....do .....	.....do .....	19	4005	Edward Mitchell .....
464	.....do .....	.....do .....	19	4008	James Mitchell .....
465	.....do .....	.....do .....	19	3986	George Messer .....
466	.....do .....	.....do .....	24	3879	James P. Crotty .....
467	Des Moines, Iowa .....	.....do .....	25	1873	Benj. F. Webster .....
468	East Saginaw, Mich. ....	.....do .....	24	251	Julia Kerr .....



division of the General Land Office, &c.—Continued.

Parts of section.	Section.	Township.	Range.	Cause of suspension.
N. E. $\frac{1}{4}$ and N. E. $\frac{1}{4}$ of N. W. $\frac{1}{4}$	32	4	15	Land temporarily withdrawn from market at date of entry.
N. $\frac{1}{2}$ of N. E. $\frac{1}{4}$ and S. E. $\frac{1}{4}$ of N. E. $\frac{1}{4}$	24	141	51	(See Commissioner's letter with papers in the case.)
S. W. $\frac{1}{4}$ of N. E. $\frac{1}{4}$ and S. E. $\frac{1}{4}$ of N. W. $\frac{1}{4}$	24	141	51	Do.
N. $\frac{1}{2}$ of N. W. $\frac{1}{4}$ and S. W. $\frac{1}{4}$ of N. W. $\frac{1}{4}$	24	141	51	Do.
E. $\frac{1}{2}$ of N. E. $\frac{1}{4}$	22	14	4	Residence not made in time. Reason, negligence.
N. $\frac{1}{2}$ of N. W. $\frac{1}{4}$ and W. $\frac{1}{2}$ of N. E. $\frac{1}{2}$	21	35	6	Proof not made in time. Reason, ignorance.
S. $\frac{1}{2}$ of N. W. $\frac{1}{4}$ and N. $\frac{1}{2}$ of S. W. $\frac{1}{4}$	13	2	4	Do.
S. W. $\frac{1}{4}$ of S. E. $\frac{1}{4}$	27	34	17	(See Commissioner's letter with papers in the case.)
N. E. $\frac{1}{4}$ of S. E. $\frac{1}{4}$	22	37	22	Proof not made in time. Reason, ignorance.
S. E. $\frac{1}{4}$ of N. W. $\frac{1}{4}$ and S. $\frac{1}{2}$ of N. E. $\frac{1}{4}$	24	103	49	
and S. $\frac{1}{2}$ of lot 2 of N. W. $\frac{1}{4}$	19	103	48	Residence not made in time. Reason, sickness.
E. $\frac{1}{2}$ of N. W. $\frac{1}{4}$ and W. $\frac{1}{2}$ of N. E. $\frac{1}{4}$	8	102	47	Do.
W. $\frac{1}{2}$ of S. E. $\frac{1}{4}$	6	9	57	Proof not made in time. Reason, ignorance.
N. $\frac{1}{2}$ of N. E. $\frac{1}{4}$	28	124	32	Proof not made in time. Reason, poverty.
E. $\frac{1}{2}$ of S. W. $\frac{1}{4}$ , S. W. $\frac{1}{2}$ of S. W. $\frac{1}{4}$ , and lots 2 and 3.	26	137	40	Residence not made in time. Reason, sickness.
S. E. $\frac{1}{4}$	20	52	14	Residence not made in time. Reason, poverty.
S. W. fractional $\frac{1}{4}$	18	28	8	Residence not made in time. Reason, ignorance.
E. $\frac{1}{2}$ of N. E. $\frac{1}{4}$ and S. W. $\frac{1}{4}$ of N. E. $\frac{1}{4}$	28	22	7	Residence not made in time. Reason, poverty.
S. W. $\frac{1}{4}$	22	29	2	Residence not made in time. Reason, sickness.
W. $\frac{1}{2}$ of S. W. $\frac{1}{2}$	34	30	14	(See Commissioner's letter with papers in the case.)
N. W. $\frac{1}{4}$ of N. W. $\frac{1}{4}$	34	25	11	Residence not made in time. Reason, could not build his house in time.
N. $\frac{1}{2}$ of N. E. $\frac{1}{4}$	6	28	10	Residence not made in time. Reason, poverty.
W. $\frac{1}{2}$ of N. W. $\frac{1}{4}$ and N. W. $\frac{1}{4}$ of S. W. $\frac{1}{4}$	2	27	5	Do.
S. E. $\frac{1}{4}$ of N. W. $\frac{1}{4}$ and S. $\frac{1}{2}$ of N. E. $\frac{1}{4}$ , and N. E. $\frac{1}{4}$ of S. E. $\frac{1}{4}$	35	32	11	Do.
N. W. $\frac{1}{4}$ of N. E. $\frac{1}{4}$ and N. E. $\frac{1}{4}$ of N. W. $\frac{1}{4}$	6	31	11	
S. W. $\frac{1}{4}$ of S. E. $\frac{1}{4}$ and S. E. $\frac{1}{4}$ of S. W. $\frac{1}{4}$	31	32	11	Residence not made in time. Reason, sickness.
S. E. $\frac{1}{4}$	24	36	11	Do.
E. $\frac{1}{2}$ of N. W. $\frac{1}{4}$	36	27	1	Proof not made in time. Reason, poverty.
N. E. $\frac{1}{4}$ of S. E. $\frac{1}{4}$	25	18	4	Proof not made in time. Reason, ignorance.
W. $\frac{1}{2}$ of S. W. $\frac{1}{4}$	34	27	2	Residence not made in time. Reason, ignorance.
N. $\frac{1}{2}$ of N. E. $\frac{1}{4}$	26	28	2	Residence and proof not made in time. Reason, ignorance.
W. $\frac{1}{2}$ of N. W. $\frac{1}{4}$	2	122	39	Residence and proof not made in time. Reason, poverty.
W. $\frac{1}{2}$ of N. E. $\frac{1}{4}$	8	117	39	Proof not made in time. Reason, ignorance.
E. $\frac{1}{2}$ of N. E. $\frac{1}{4}$	4	118	40	Residence not made in time. Reason, poverty.
N. $\frac{1}{2}$ of N. W. $\frac{1}{4}$	22	117	39	Do.
E. $\frac{1}{2}$ of S. E. $\frac{1}{4}$	14	116	38	Proof not made in time. Reason, could not get his naturalization papers in time.
S. $\frac{1}{2}$ of N. E. $\frac{1}{4}$ , N. E. $\frac{1}{4}$ of N. E. $\frac{1}{4}$ , and lot 1.	14	122	46	Residence not made in time. Reason, poverty.
S. $\frac{1}{4}$ of S. W. $\frac{1}{4}$	26	108	40	Do.
N. W. $\frac{1}{4}$ of S. E. $\frac{1}{4}$ , and S. W. $\frac{1}{4}$ of N. E. $\frac{1}{4}$	24	109	34	Proof not made in time. Reason, poverty.
N. W. $\frac{1}{4}$	12	102	39	Proof not made in time. Reason, ignorance.
S. E. $\frac{1}{4}$	28	102	44	Residence not made in time. Reason, ignorance.
S. $\frac{1}{2}$ of S. W. $\frac{1}{4}$	10	103	40	Residence not made in time. Reason, sickness.
N. W. $\frac{1}{4}$ of S. W. $\frac{1}{4}$ , and S. W. $\frac{1}{4}$ of N. W. $\frac{1}{4}$	6	136	44	Residence not made in time. Reason, house built on an adjoining tract by mistake.
N. $\frac{1}{2}$ of S. W. $\frac{1}{4}$	10	134	36	Residence not made in time. Reason, poverty.
E. $\frac{1}{2}$ of S. E. $\frac{1}{4}$ , N. W. $\frac{1}{4}$ of S. E. $\frac{1}{4}$ , and S. W. $\frac{1}{4}$ of N. E. $\frac{1}{4}$	14	31	3	Conflict with prior homestead entry No. 5613, which was canceled August 19, 1875.
W. $\frac{1}{2}$ of N. W. $\frac{1}{4}$ , and W. $\frac{1}{2}$ of S. W. $\frac{1}{4}$	22	17	13	Conflict with prior homestead entries Nos. 4917 and 4973, which were canceled March 27, 1873.
W. $\frac{1}{2}$ of N. E. $\frac{1}{4}$	20	20	9	Conflict with prior homestead entry No. 4444, which was canceled February 16, 1874.
E. $\frac{1}{2}$ of N. W. $\frac{1}{4}$	20	20	9	Conflict with prior homestead entry No. 4445, which was canceled February 16, 1874.
N. W. $\frac{1}{4}$ of N. E. $\frac{1}{4}$ , and lots 2 and 3.	32	9	16	Conflict with prior homestead entry No. 1490, which was canceled November 18, 1872.
N. $\frac{1}{2}$ of S. E. $\frac{1}{4}$	12	10	15	Proof not made in time. Reason, ignorance.
S. E. $\frac{1}{4}$	28	100	39	Residence not made in time. Reason, bad roads.
N. E. $\frac{1}{4}$ of N. E. $\frac{1}{4}$ 9, S. W. $\frac{1}{4}$ of S. W. $\frac{1}{4}$	3			
and N. W. $\frac{1}{4}$ of N. W. $\frac{1}{4}$	10	16	11	Proof not made in time. Reason, sickness and poverty.



No. 11.—*Abstract of suspended cases in the public lands*

Number.	States.	Class of cases.	Rule.	R. and R. No.	Names of parties.
469	Junction City, Kans .....	Homestead .....	24	10162	Thomas Byrne .....
470	Salina, Kans .....	do .....	25	14480	John Newland .....
471	Topeka, Kans .....	do .....	19	2472	Samuel Lane .....
472	Wichita, Kans .....	do .....	25	5812	William L. Coleman .....
473	do .....	do .....	Special.	2943	Kate Eccles (formerly Friss)
474	Larned, Kans .....	do .....	24	14038	David M. Orr .....
475	Salt Lake City, Utah .....	do .....	24	1176	John H. Moore, jr .....
476	do .....	do .....	24	1190	Charles Heath .....
477	Fargo, Dak .....	do .....	19	425	Lafayette G. Allen .....
478	Denver, Colo .....	do .....	24	1181	John H. Erwin .....
479	Grand Island, Nebr .....	do .....	24	2683	Christian H. Thode .....
480	do .....	do .....	24	2776	Calvin L. Minkeer .....
481	do .....	do .....	25	6876	Benjamin Dye .....
482	Boonville, Mo .....	do .....	24	2999	Bennett R. Morgan .....
483	do .....	do .....	24	5418	Henry Hurst .....
484	do .....	do .....	24	2022	James Bartsche .....
485	do .....	do .....	24	2872	James Hall .....
486	Ironton, Mo .....	do .....	24	1264	Isaac D. Comstock .....
487	do .....	do .....	24	2427	A. Riley, formerly widow of John L. Rothrock.



*division of the General Land Office, &c.—Continued.*

Parts of section.	Section.	Township.	Range.	Cause of suspension.
S. $\frac{1}{2}$ of S. W. $\frac{1}{4}$ .....	26	12	3	Proof not made in time. Reason, sickness.
N. E. $\frac{1}{4}$ .....	34	20	4	Residence not made in time. Reason, went to Illinois to get his wife.
W. $\frac{1}{2}$ of N. W. $\frac{1}{4}$ , S. E. $\frac{1}{4}$ of N. W. $\frac{1}{4}$ , and S. W. $\frac{1}{4}$ of N. E. $\frac{1}{4}$ .....	8	8	10	Conflict with prior entry No. 1701, which was canceled March 13, 1873.
S. W. fl. $\frac{1}{4}$ .....	30	22	5	Residence not made in time. Reason, sickness.
E. $\frac{1}{2}$ of N. E. $\frac{1}{4}$ .....	18	23	5	Residence not continuous. (See Commissioner's letter herewith.)
S. W. $\frac{1}{4}$ .....	28	19	9	Proof not made in time. Reason, sickness.
N. E. $\frac{1}{4}$ .....	24	9	1	Proof not made in time. (See Commissioner's letter of November 12, 1879, herewith.)
Lots 1 and 2 .....	4	6	2	Proof not made in time. Reason, ignorance.
S. $\frac{1}{2}$ of N. E. $\frac{1}{4}$ .....	26	139	49	Conflict with prior timber-culture entry No. 179, which was canceled March 9, 1880.
N. $\frac{1}{2}$ of N. E. $\frac{1}{4}$ , and N. $\frac{1}{2}$ of N. W. $\frac{1}{4}$ .....	6	3	66	Proof not made in time. Reason, ignorance.
S. W. $\frac{1}{4}$ .....	26	15	13	Proof not made in time. Reason, poverty.
S. E. $\frac{1}{4}$ .....	32	19	7	Do.
N. E. $\frac{1}{4}$ .....	34	13	8	Residence not made in time. Reason, sickness.
S. W. fl. $\frac{1}{4}$ of S. W. fl. $\frac{1}{4}$ .....	5	52	35	Proof not received in time. Reason, ignorance.
W. $\frac{1}{2}$ of N. W. $\frac{1}{4}$ .....	12	38	19	Do.
E. $\frac{1}{2}$ of N. E. $\frac{1}{4}$ .....	14	37	22	Do.
N. $\frac{1}{2}$ of lots 1 and 2 of S. W. $\frac{1}{4}$ .....	31	36	19	Do.
S. $\frac{1}{2}$ of N. W. $\frac{1}{4}$ , S. W. $\frac{1}{4}$ of N. E. $\frac{1}{4}$ , and N. W. $\frac{1}{4}$ of S. E. $\frac{1}{4}$ .....	13	30	9	Do.
Lot 8 of N. W. $\frac{1}{4}$ .....	2	29	7	Proof not received in time. Reason, sickness.



No. 12.—The cases shown upon this abstract fall in class 2 of section 2453, United States Revised Statutes, having been submitted by the Commissioner of the General Land Office and rejected by the board of equitable adjudication provided for under sections 2450 to 2457, as amended by act of Congress of February 27, 1877, during the fiscal year ended June 30, 1880.

Number.	Office.	Class of cases.	Rule.	R. & R. No.	Names of parties.	Parts of section.	Section.	Town.	Range.	Cause of suspension.
1	Lincoln, Nebr.....	Homestead ...	24	7313	Henry M. Shane .....	N. W. $\frac{1}{4}$ .....	10	8	2	Proof not made in time. Reason, ignorance.
2	Kirwin, Kans.....	do .....	25	7692	George Baker.....	W. $\frac{1}{2}$ of N. E. $\frac{1}{4}$ and E. $\frac{1}{2}$ of N. W. $\frac{1}{4}$ .	23	2	23	Residence not made in time. Reason, error in description.
3	Natchitoches, La ....	do .....	24	352	John J. Cocks .....	E. $\frac{1}{2}$ of S. E. $\frac{1}{4}$ and S. $\frac{1}{2}$ of N. E. $\frac{1}{4}$ .	23	12	12	Proof not made in time. Reason, waiting in- structions from General Land Office.
4	Grand Island, Nebr ...	do .....	Spec	2109	John Bagley.....	N. $\frac{1}{2}$ of N. W. $\frac{1}{4}$ and W. $\frac{1}{2}$ of N. E. $\frac{1}{4}$ .	22	8	13	See Commissioner's letter herewith.
5	Detroit, Mich.....	do .....	25	238	Michael McNulty.....	E. $\frac{1}{2}$ of S. W. $\frac{1}{4}$ , S. W. $\frac{1}{4}$ of S. W. $\frac{1}{4}$ , and lots 2 and 3.	26	137	40	Settlement not made in time. Reason, sickness.
6	Coneordia, Kans .....	do .....	24	8745	Sarah E. Reed.....	W. $\frac{1}{2}$ of N. E. $\frac{1}{4}$ , and E. $\frac{1}{2}$ N. W. $\frac{1}{4}$ , and S. W. $\frac{1}{4}$ of N. W. $\frac{1}{4}$ .	4	6	4	Proof not made in time. Reason, entry contested.
7	Topeka, Kans.....	do .....	24	2454	Eliza B. Hall, adminis- tratrix of William Sehlagel.	S. $\frac{1}{2}$ of S. E. $\frac{1}{4}$ .....	34	22	15	Proof not made in time. Reason, loss of natu- ralization papers.
8	Lineoln, Nebr.....	do .....	Spec	8646	Margaret Keleper.....	W. $\frac{1}{2}$ of N. W. $\frac{1}{4}$ .....	24	10	8	See letter of Commissioner with the papers.
9	New Orleans, La ....	do .....	24	880	William Stringfield...	Lots 2, 3, and 4, and N. $\frac{1}{2}$ of S. W. $\frac{1}{4}$ .	12	2	9	Proof not made in time. Reason, yellow fever.
10	New Ulm, Minn .....	do .....	Spec	6735	Anders Berg.....	N. E. $\frac{1}{4}$ .....	26	106	40	See Commissioner's letter of July 26, 1879, here- with.
11	do .....	do .....	Spec	6639	Knud H. Smedtad....	S. E. $\frac{1}{4}$ .....	18	106	40	See Commissioner's letter of July 26, 1879, here- with.
12	Denver, Colo.....	do .....	24	1226	Jas. A. Mauldin, ad- ministrator of Miles L.	S. $\frac{1}{2}$ N. E. $\frac{1}{4}$ , and N. E. $\frac{1}{4}$ , and N. W. $\frac{1}{4}$ of N. W. $\frac{1}{4}$ .	7 8	9	64	Proof not made in time. Reason, mistake.



13. — *Estimates of appropriations required for the service of the fiscal year ending June 30, 1882, by the General Land Office.*

Detailed objects of expenditure, and explanations.	Estimated amount which will be required for each detailed object of expenditure.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the current fiscal year ending June 30, 1881.
Salaries :			
Commissioner of the General Land Office (Rev. Stat. p. 75, s. 446) ; and per act March 3, 1875 (18 Stat., p. 364, s. 1) .....	\$3,000 00	.....	\$4,000 00
Deputy Commissioner (submitted) .....	3,000 00	.....	.....
Chief clerk, per act March 3, 1853 (10 Stat., p. 211, s. 3) ; and per act March 3, 1875 (18 Stat., p. 364, s. 1) .....	2,500 00	.....	2,000 00
Law officer, per act March 3, 1875 (18 Stat., p. 364, s. 1) .....	3,000 00	.....	2,000 00
Chief of division of surveys .....	3,000 00	.....	.....
Chief of division of mineral lands .....	3,000 00	.....	.....
Chief of division of private lands .....	3,000 00	.....	.....
Chief of division of homesteads .....	2,400 00	.....	.....
Chief of division of pre-emptions .....	2,400 00	.....	.....
Chief of division of railroad adjustments .....	2,400 00	.....	.....
Chief of division of swamp land adjustments .....	2,400 00	.....	.....
Chief of division of accounts .....	2,400 00	.....	.....
Eight assistant chiefs of division, at \$2,000 each (submitted) .....	16,000 00	.....	.....
Receiving clerk (submitted) .....	2,000 00	.....	.....
Recorder (Rev. Stat., p. 75, s. 447) ; and per act March 3, 1875 (18 Stat., p. 364, s. 1) .....	2,000 00	.....	2,000 00
Twenty clerks of class four, at \$1,800 each (Rev. Stat., p. 75, s. 448 ; (Rev. Stat. p. 76, s. 449) ; per act March 3, 1875 (18 Stat., p. 364, s. 1) ; per act March 3, 1853 (10 Stat., p. 211, s. 3) ; per act June 19, 1878 (20 Stat., p. 199, s. 1) ; per act June 21, 1879 (21 Stat., p. 23, s. 1) ; and per act June 15, 1880 (Public, No. 119) .....	36,000 00	.....	16,200 00
Sixty clerks of class three, at \$1,600 each, per act March 3, 1853 (10 Stat., p. 211, s. 3) ; per act March 3, 1855 (10 Stat., p. 664, s. 1) ; per act July 20, 1868 (15 Stat., p. 100, s. 1) ; per act March 3, 1875 (18 Stat., p. 364, s. 1) ; per act June 19, 1878 (20 Stat., p. 199, s. 1) ; per act July 4, 1836 (5 Stat., p. 112, s. 10) ; and per act April 22, 1854 (10 Stat., p. 276, s. 1) .....	96,000 00	.....	36,800 00
Fifty clerks of class two, at \$1,400 each, per act March 3, 1853 (10 Stat., p. 211, s. 3) ; per act March 3, 1855 (10 Stat., p. 664, s. 1) ; per act July 20, 1868 (15 Stat., p. 100, s. 1) ; per act March 3, 1875 (18 Stat., p. 364, s. 1) ; per act July 19, 1878 (20 Stat., p. 199, s. 1) ; per act July 4, 1836 (5 Stat., p. 112, s. 10) ; per act April 22, 1854 (10 Stat., p. 276, s. 1) ; and per act March 3, 1875 (18 Stat., p. 364, s. 1) .....	70,000 00	.....	57,400 00
Forty clerks of class one, at \$1,200 each, per act March 3, 1853 (10 Stat., p. 211, s. 3) ; per act March 3, 1855 (10 Stat., p. 664, s. 1) ; per act July 20, 1868 (15 Stat., p. 100, s. 1) ; per act March 3, 1875 (18 Stat., p. 364, s. 1) ; per act June 19, 1878 (20 Stat., p. 199, s. 1) ; and per act June 15, 1880 (Public, No. 119) .....	48,000 00	.....	96,000 00
Fifteen copyists, at \$900 each, per act June 21, 1879 (21 Stat., p. 23, s. 1) ; and per act June 15, 1880 (Public, No. 119) .....	13,500 00	.....	8,100 00
Nine assistant messengers, at \$720 each, per act July 4, 1836 (5 Stat., p. 112, s. 10) ; per act March 3, 1869 (15 Stat., p. 287, s. 1) ; per act March 3, 1875 (18 Stat., p. 364, s. 1) ; per act June 19, 1878 (20 Stat., p. 199, s. 1) ; and per act June 15, 1880 (Public, No. 119) .....	6,480 00	.....	6,480 00
Six packers, at \$720 each, per act July 4, 1836 (5 Stat., p. 112, s. 10) ; per act March 3, 1869 (15 Stat., p. 287, s. 1) ; per act March 3, 1875 (18 Stat., p. 364, s. 1) ; and per act June 21, 1879 (21 Stat., p. 23, s. 1) .....	4,320 00	.....	4,320 00
Twelve laborers, at \$660 each, per act March 3, 1869 (15 Stat., p. 287, s. 1) ; per act March 3, 1869 (15 Stat., p. 291, s. 1) ; per act March 3, 1875 (18 Stat., p. 364, s. 1) ; per act June 19, 1878 (20 Stat., p. 109, s. 1) ; and per act June 21, 1879 (21 Stat., p. 23, s. 1) .....	7,920 00	.....	7,920 00
	336,720 00	.....	243,200 00

J. A. WILLIAMSON,  
Commissioner.

DEPARTMENT OF THE INTERIOR,  
General Land Office, September 30, 1880.



No. 13.—*Estimates of appropriations required for the service of the fiscal year ending June 30, 1882, by the General Land Office—Continued.*

Detailed objects of expenditure, and explanations.	Estimated amount which will be required for each detailed object of expenditure.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the current fiscal year ending June 30, 1881.
Contingent expenses: Diagrams, parchment paper for land patents, furniture and repairs of the same, miscellaneous items, for the actual expenses of clerks detailed to investigate fraudulent land entries, trespasses on the public lands, and cases of official misconduct, and for advertising and telegraphing, per act May 8, 1872 (17 Stat., p. 75, s. 1); per act June 10, 1872 (17 Stat., p. 364, s. 1); per act June 19, 1878 (20 Stat., p. 199, s. 1); per act June 21, 1879 (21 Stat., p. 23, s. 1); and per act June 15, 1880 (Public, No. 119) .....		\$40,000 00	\$25,000 00
Maps: For connected and separate United States and other maps prepared in this office, per act June 23, 1874 (18 Stat., p. 213, s. 1); per act March 3, 1875 (18 Stat., p. 374, s. 1); and per act June 15, 1880 (Public, No. 119) .....		6,000 00	6,000 00
Printing, binding, &c.: Land Office reports, circulars, patents, tract books, indices, records, field notes, abstracts, and other miscellaneous printing and binding required for the use of the office, per act May 8, 1872 (17 Stat., p. 82, s. 2); per act June 23, 1874 (18 Stat., p. 204, s. 1); and per act March 3, 1875 (18 Stat., p. 371, s. 1) .....		*20,000 00	17,509 68
For rebinding tract books, in constant use, which have become damaged by age and use (submitted) .....		10,000 00	.....
NOTE.—The necessity for this appropriation is very urgent, the books being in danger of complete destruction and no copies of them being in existence. These tract books constitute the only practical and accessible record of original entries, and not one of them could be lost without a cost of several hundreds of dollars to replace it. For law books for the law library of the General Land Office (submitted) .....		1,000 00	.....
Collecting revenue from sales of public lands: Salaries and commissions of registers and receivers of district land offices, as provided by law, not exceeding \$3,000 each (see detailed statement herewith) as per act of June 23, 1874 (18 Stat., p. 213, s. 1); per act March 3, 1875 (18 Stat., p. 384, s. 1); per act June 20, 1878 (20 Stat., p. 207, s. 1); per act March 3, 1879 (chap. 182, p. 392); and per act June 16, 1880 (Public, No. 123) .....	\$582,000 00	.....	386,000 00
Incidental expenses of the several land offices, as per act of June 22, 1874 (18 Stat., p. 212, s. 1); per act March 3, 1875 (18 Stat., p. 384, s. 1); per act June 20, 1878 (20 Stat., p. 207, s. 1); March 3, 1879 (chap. 182, p. 392); and per act June 16, 1880 (Public, No. 123) .....	100,000 00	.....	93,500 00.
NOTE.—The amount asked for under this head is intended to cover allowances for office rent, clerk hire, &c., as well as for fees heretofore retained by the district officers collected under sections 2238 and 2239 Revised Statutes, and not properly accounted for. Under the corrected practice all such fees must be covered into the Treasury and will stand as an offset to this appropriation, which will be disbursed by proper account and requisition according to law, upon allowances for clerk hire, rent, &c., under the express authority of the Secretary of the Interior previously obtained. There are nearly one hundred district offices already established by law, and others are liable to be created from time to time. The amount submitted will barely suffice to cover the proper and necessary allowances. Expense of depositing public moneys as per act June 23, 1874 (18 Stat., p. 213, s. 1); per act March 3, 1875 (18 Stat., p. 384, s. 1); per act June 20, 1878 (20 Stat., p. 207, s. 1); per act March 3, 1879 (chap. 182, p. 392); and per act June 16, 1880 (Public, No. 123) .....	13,000 00	.....	10,000 00
For the protection of timber on the public lands, as per act March 3, 1873 (17 Stat., p. 517, s. 1); per act March 3, 1875 (18 Stat., p. 384, s. 1); per act June 20, 1878 (20 Stat., p. 207, s. 1); per act March 3, 1879 (chap. 182, p. 392); and per act June 16, 1880 (Public, No. 123) .....	*75,000 00	.....	40,000 00
For the settlement of claims for swamp land and swamp land indemnity, per act June 28, 1879 (21 Stat., p. 41, s. 1); and per act June 16, 1880 (Public, No. 123) .....	20,000 00	790,000 00	15,000 00
	.....	827,000 00	568,009 68

\* Increase submitted.



No. 14.—Detailed estimate of amount for salaries and commissions of registers and receivers of the several land offices during the fiscal year ending June 30, 1882.

States and Territories.	Land offices.	Salaries and commissions.	Total.
Alabama.....	Huntsville.....	\$6,000 00	\$12,000 00
	Montgomery.....	6,000 00	
Arizona.....	Florence.....	6,000 00	12,000 00
	Prescott.....	6,000 00	
Arkansas.....	Camden.....	6,000 00	24,000 00
	Dardanelle.....	6,000 00	
	Little Rock.....	6,000 00	
	Harrison.....	6,000 00	
California.....	Bodie.....	6,000 00	60,000 00
	Humboldt.....	6,000 00	
	Los Angeles.....	6,000 00	
	Marysville.....	6,000 00	
	Sacramento.....	6,000 00	
	San Francisco.....	6,000 00	
	Shasta.....	6,000 00	
	Stockton.....	6,000 00	
	Susanville.....	6,000 00	
	Visalia.....	6,000 00	
Colorado.....	Central City.....	6,000 00	36,000 00
	Del Norte.....	6,000 00	
	Denver City.....	6,000 00	
	Lake City.....	6,000 00	
	Leadville.....	6,000 00	
	Pueblo.....	6,000 00	
Dakota.....	Bismarck.....	6,000 00	42,000 00
	Deadwood.....	6,000 00	
	Fargo.....	6,000 00	
	Mitchell.....	6,000 00	
	Watertown.....	6,000 00	
	Yankton.....	6,000 00	
	Grand Forks.....	6,000 00	6,000 00
Florida.....	Gainesville.....	6 000 00	
Idaho.....	Boise City.....	6,000 00	18,000 00
	Lewiston.....	6,000 00	
	Oxford.....	6,000 00	
Iowa.....	Des Moines.....	6,000 00	54,000 00
Kansas.....	Concordia.....	6,000 00	
	Wa-Keeney.....	6,000 00	
	Independence.....	6,000 00	
	Kirwin.....	6,000 00	
	Larned.....	6,000 00	
	Salina.....	6,000 00	
	Topeka.....	6,000 00	
	Wichita.....	6,000 00	
	* Office not yet named or located.....	6,000 00	
Louisiana.....	Nachitoches.....	6,000 00	12,000 00
	New Orleans.....	6,000 00	
Michigan.....	Detroit.....	6,000 00	24,000 00
	East Saginaw.....	6,000 00	
	Marquette.....	6,000 00	
	Reed City.....	6,000 00	
Minnesota.....	Benson.....	6,000 00	54,000 00
	Crookston.....	6,000 00	
	Duluth.....	6,000 00	
	Fergus Falls.....	6,000 00	
	Tracy.....	6,000 00	
	Redwood Falls.....	6,000 00	
	Saint Cloud.....	6,000 00	
	Taylor's Falls.....	6,000 00	
	Worthington.....	6,000 00	
Mississippi.....	Jackson.....	6,000 00	6,000 00

\* Approved, May 24, 1880.



No. 14.—Detailed estimate of amount for salaries, &amp;c.—Continued.

States and Territories.	Land offices.	Salaries and commissions.	Total.
Missouri.....	Boonville.....	\$6,000 00	
	Ironton.....	6,000 00	
	Springfield.....	6,000 00	\$18,000 00
Montana.....	Bozeman.....	6,000 00	
	Helena.....	6,000 00	
	Miles City.....	6,000 00	18,000 00
Nebraska.....	Beatrice.....	6,000 00	
	Bloomington.....	6,000 00	
	Grand Island.....	6,000 00	
	Lincoln.....	6,000 00	
	Niobrara.....	6,000 00	
	Norfolk.....	6,000 00	
	North Platte.....	6,000 00	42,000 00
Nevada.....	Carson City.....	6,000 00	
	Eureka.....	6,000 00	12,000 00
New Mexico.....	La Mesilla.....	6,000 00	
	Santa Fé.....	6,000 00	12,000 00
Oregon.....	La Grande.....	6,000 00	
	Lake View.....	6,000 00	
	Oregon City.....	6,000 00	
	Roseburg.....	6,000 00	
	The Dalles.....	6,000 00	30,000 00
Washington.....	Colfax.....	6,000 00	
	Olympia.....	6,000 00	
	Vancouver.....	6,000 00	
	Walla Walla.....	6,000 00	
	Yakima.....	6,000 00	30,000 00
Wisconsin.....	Bayfield.....	6,000 00	
	Eau Claire.....	6,000 00	
	Falls Saint Croix.....	6,000 00	
	La Crosse.....	6,000 00	
	Menasha.....	6,000 00	
	Wausau.....	6,000 00	36,000 00
Wyoming.....	Cheyenne.....	6,000 00	
	Evanston.....	6,000 00	12,000 00
Utah.....	Salt Lake City.....	6,000 00	6,000 00
Total.....			582,000 00

J. A. WILLIAMSON,  
Commissioner.DEPARTMENT OF THE INTERIOR,  
General Land Office, September 30, 1880.



No. 15.—*Estimates of appropriations required for the service of the fiscal year ending June 30, 1882, by the General Land Office.*

Detailed objects of expenditure, and explanations.	Estimated amount which will be required for each detailed object of expenditure.	Total amount to be appropriated under each head of appropriation.	Amount appropriated out of \$300,000 appropriated for the current fiscal year ending June 30, 1881.
<i>Surveying public lands in Louisiana.</i>			
At rates not exceeding \$12 per linear mile for township and meander lines, and \$10 for section lines (R. S., p. 438, sec. 2395; appropriated, 21 Stat.) .....		\$20, 000 00	\$8, 000 00
NOTE.—The \$20,000 is estimated for surveys and resurveys of the public lands and private land claims, the larger part of which is estimated for original township surveys in the southwestern district, and a part for resurveys where the original surveys of sixty years' standing have become obliterated in the field and the lands cannot be disposed of for want of corners, and consequent inability of settlers and others to describe the land desired to be entered.			
<i>Surveying public lands in Florida.</i>			
At rates not exceeding \$10 per linear mile for township, and \$8 for section lines (R. S., p. 438, sec. 2395; appropriated, 21 Stat.) .....		5, 000 00	8, 000 00
NOTE.—The \$5,000 is estimated for the completion of the public land surveys in Florida.			
<i>Surveying public lands in Minnesota.</i>			
At rates not exceeding \$12 per linear mile for standard and meander lines, \$10 for township, and \$8 for section lines (R. S., p. 438, sec. 2395; appropriated, 21 Stat.) .....		25, 000 00	16, 000 00
NOTE.—The \$25,000 is estimated for the extension of the public surveys in Minnesota over lands containing settlements, timber, and for the extension of standard and exterior lines to reach settlements.			
<i>Surveying public lands in Dakota.</i>			
At rates not exceeding \$12 per linear mile for standard and meander lines, \$10 for township, and \$8 for section lines (R. S., p. 438, sec. 2395; appropriated, 21 Stat.) .....		40, 000 00	35, 000 00
NOTE.—The \$40,000 is estimated for the survey of lands east of the Missouri River, recently opened to market; also for surveys in the Black Hills, James, and Red River Valleys, and along the line of the Northern Pacific Railroad.			
<i>Surveying public lands in Montana.</i>			
At rates not exceeding \$12 per linear mile for standard and meander lines, \$10 for township, and \$8 for section lines; and for heavily-timbered mountain lands at augmented rates, not exceeding \$16 for standard, \$14 for township, and \$10 for section lines (R. S., p. 438, sec. 2396; appropriated, 21 Stat.) .....		25, 000 00	15, 000 00
NOTE.—The \$25,000 is estimated as necessary, principally to accommodate actual settlers.			
<i>Surveying public lands in Nebraska and Iowa.</i>			
At rates not exceeding \$12 per linear mile for standard, \$10 for township, and \$8 for section lines (R. S., p. 438, sec. 2395; appropriated, 21 Stat.) .....		35, 000 00	25, 000 00
NOTE.—The \$35,000 is estimated for continuing the survey of the standard lines, township exteriors, and subdivision lines over arable and timber lands, principally to accommodate actual settlers and others seeking homes in the northwestern part of the State.			
<i>Surveying public lands in Colorado.</i>			
At rates not exceeding \$12 per linear mile for standard, \$10 for township, and \$8 for section lines; and for heavily-timbered lands at augmented rates, not exceeding \$16 for standard, \$14 for township, and \$10 for section lines (R. S., p. 438, sec. 2395; appropriated, 21 Stat.) .....		30, 000 00	30, 000 00
NOTE.—The \$30,000 is submitted for the survey of arable, mineral, and timber lands.			



No. 15.—Estimates of appropriations required, &c.—Continued.

Detailed objects of expenditure, and explanations.	Estimated amount which will be required for each detailed object of expenditure.	Total amount to be appropriated under each head of appropriation.	Amount apportioned out of \$300,000 appropriated for the current fiscal year ending June 30, 1881.
<i>Surveying public lands in Idaho.</i>			
At rates not exceeding \$12 per linear mile for standard and meander lines, \$10 for township, and \$8 for section lines; and for heavily-timbered lands at augmented rates, not exceeding \$16 per linear mile for standard, \$14 for township, and \$10 for section lines (R. S., p. 438, sec. 2395; appropriated, 21 Stat.) .....		\$20,000 00	\$12,000 00
NOTE.—The \$20,000 is estimated for continuing the surveys to accommodate actual settlers.			
<i>Surveying public lands in New Mexico.</i>			
At rates not exceeding \$12 per linear mile for standard, \$10 for township, and \$8 for section lines (R. S., p. 438, sec. 2395; appropriated, 21 Stat.) .....		30,000 00	17,000 00
NOTE.—The \$30,000 is estimated for the survey of agricultural and timber lands needed for settlement by actual settlers.			
<i>Surveying public lands in California.</i>			
At rates not exceeding \$12 per linear mile for standard and meander lines, \$10 for township, and \$8 for section lines; and for heavily-timbered mountain lands at augmented rates, not exceeding \$18 per linear mile for standard, \$16 for township, and \$14 for section lines (R. S., p. 441, sec. 2405; R. S., p. 438, sec. 2395; appropriated, 21 Stat.) .....		50,000 00	35,000 00
NOTE.—The \$50,000 is chiefly estimated for surveys of standard lines, township exteriors, and subdivisions of lands settled upon, and of timber lands.			
<i>Surveying public lands in Oregon.</i>			
At rates not exceeding \$12 per linear mile for standard and meander lines, \$10 for township, and \$8 for section lines; and for heavily-timbered lands lying east and west of the Cascade Mountains, at augmented rates not exceeding \$18 per linear mile for standard, \$15 for township, and \$12 for section lines (R. S., p. 441, sec. 2404; R. S., p. 438, sec. 2395; appropriated, 21 Stat.) .....		30,000 00	16,000 00
NOTE.—The \$30,000 is estimated for the extension of the public surveys over lands settled upon, and also over heavily-timbered lands.			
<i>Surveying public lands in Washington.</i>			
At rates not exceeding \$12 per linear mile for standard and meander lines, \$10 for township, and \$8 for section lines; and for heavily-timbered mountain lands lying east and west of the Cascade Mountains at augmented rates, not exceeding \$18 per linear mile for standard, \$16 for township, and \$14 for section lines (R. S., p. 441, sec. 2405; R. S., p. 438, sec. 2395; appropriated, 21 Stat.) .....		30,000 00	16,000 00
NOTE.—The \$30,000 is estimated for the survey of arable lands settled upon; also for survey of timber lands.			
<i>Surveying public lands in Utah.</i>			
At rates not exceeding \$12 per linear mile for standard and meander lines, \$10 for township, and \$8 for section lines; and for heavily-timbered mountain lands at rates not exceeding \$16 per linear mile for standard, \$14 for township, and \$10 for section lines (R. S., p. 438, sec. 2395; appropriated, 21 Stat.) .....		25,000 00	12,000 00
NOTE.—The \$25,000 is estimated for the survey of arable, mineral, and timber lands.			
<i>Surveying public lands in Nevada.</i>			
At rates not exceeding \$12 per linear mile for standard, \$10 for township, and \$8 for section lines (R. S., p. 438, sec. 2395; appropriated, 21 Stat.) .....		25,000 00	12,000 00
NOTE.—The \$25,000 is submitted for the survey of arable lands along the Central Pacific Railroad for mineral and timber lands to accommodate settlers.			
<i>Surveying public lands in Wyoming.</i>			
At rates not exceeding \$12 per linear mile for standard, \$10 for township, and \$8 for section lines; and for heavily-timbered lands at augmented rates, not exceeding \$16 per linear mile for standard, \$14 for township, and \$10 for section lines (R. S., p. 438, sec. 2395; appropriated, 21 Stat.) .....		20,000 00	15,000 00
NOTE.—The \$20,000 is estimated for the survey of lands embracing settlements and good agricultural, timber, and mineral lands principally within the limits of the Union Pacific Railroad			



No. 15.—*Estimates of appropriations required, &c.*—Continued.

Detailed objects of expenditure, and explanations.	Estimated amount which will be required for each detailed object of expenditure.	Total amount to be appropriated under each head of appropriation.	Amount apportioned out of \$300,000 appropriated for the current fiscal year ending June 30, 1881.
<i>Surveying public lands in Arizona.</i>			
At rates not exceeding \$12 per linear mile for standard, \$10 for township, and \$8 for section lines (R. S., p. 438, sec. 2395; appropriated, 21 Stat.) .....		\$15,000 00	\$10,000 00
NOTE.—The \$15,000 is estimated for the survey of non-mineral lands bearing timber of value, and for the survey of agricultural lands.			
<i>Surveying confirmed private land claims in California.</i>			
At the rates prescribed by law, including office expenses incident to the service (R. S., p. 390, sec. 2223; appropriated, 21 Stat.) .....		10,000 00	*10,000 00
<i>Surveying private land claims in New Mexico.</i>			
For the preliminary survey of unconfirmed and survey of confirmed private land claims in New Mexico, at a rate not exceeding \$16 per linear mile and office expenses (R. S., p. 390, sec. 2223; appropriated, 21 Stat.) .....		8,000 00	6,000 00
<i>Surveying private land claims in Arizona.</i>			
For the preliminary survey of unconfirmed and survey of confirmed private land claims in Arizona, at a rate not exceeding \$16 per linear mile and office expenses (R. S., p. 390, s. 2223; appropriated, 21 Stat.) .....		8,000 00	10,000 00
<i>Examinations of public surveys.</i>			
Occasional examinations of public surveys in the several surveying land districts, in order to test the accuracy of the work in the field, and to prevent payment for fraudulent and imperfect surveys returned by deputy surveyors, inspect mineral deposits, coal fields, and timber districts (R. S., p. 390, sec. 2223; appropriated, 21 Stat.) .....		40,000 00	8,000 00
NOTE.—The \$40,000 is estimated to cover expenses of examiners, to be designated by the Commissioner of the General Land Office and surveyors general, to test the fidelity of the execution of the field work; also to enable surveyors general to satisfy themselves of the correctness of surveys returned to them for their examination and approval, and to secure thereby a faithful execution of the work by deputy surveyors.			
<i>Establishment of monuments for mineral surveys.</i>			
For establishing permanent monuments on unsurveyable public lands in mineral districts, to connect them together and with the corners of mineral claims. (Submitted) .....		6,000 00	.....
NOTE.—The \$6,000 is estimated for the erection of permanent initial monuments in the mineral regions of the country, in order to secure accuracy of surveys of mineral claims, prevent conflicts in the surveys, and to construct connected diagrams of mining districts and lay them down on the maps of the respective surveying districts.			
<i>Retracing and reproduction of worn and defaced official township plats.</i>			
To enable the Commissioner of the General Land Office to continue to reproduce worn and defaced official plats of surveys now on file, and constituting a part of the records of said office, and also to furnish local land offices with same. (Appropriated, 21 Stat.) .....		20,000 00	10,000 00
NOTE.—The sum of \$20,000 is required to prevent a total obliteration of designations on official township plats defaced and mutilated by constant use during a period of eighty years, thus rendering them unreliable in furnishing certified copies under the provisions of an act of Congress approved July 2, 1864 (Stats., vol. 13, p. 375; R. S., sec. 461).			
Total surveying public lands .....		517,000 00	326,000 00

\* Amount appropriated.



No. 16.—*Estimates of appropriations required for the service of the fiscal year ending June 30, 1882, by the General Land Office.*

Detailed objects of expenditure, and explanations.	Estimated amount which will be required for each detailed object of expenditure.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the current fiscal year ending June 30, 1881.
SALARIES, PUBLIC LANDS.			
Office of surveyor general of Louisiana:			
Surveyor general (R. S., p. 388, sec. 2208) .....	\$2, 000 00	.....	.....
Clerks in his office (R. S., p. 391, sec. 2226) .....	18, 800 00	\$20, 800 00	\$9, 800 00
NOTE.—The \$18,800 is estimated for compensation of clerk-hire, consisting of three regular clerks and draughtsmen, calling for \$4,800, and fourteen \$1,000 clerks, to bring up the arrears in office work of many years' standing, viz: to prepare duplicate patent-plats of confirmed private land claims, of which there are about 6,000 entitled to patents, and which cannot be patented until such plats are made; also to transcribe field notes of surveys of about 700 townships, for a long while in arrears, and requiring one month of time to copy the notes of six townships by one clerk. Very limited appropriations for office work in former years caused so extensive arrears.			
Office of surveyor general of Florida:			
Surveyor general (R. S., p. 338, sec. 2208) .....	2, 000 00	.....	.....
Clerks in his office (R. S., p. 391, sec. 2226) .....	3, 000 00	5, 000 00	5, 800 00
NOTE.—The \$3,000 for clerk hire is submitted, it being actually required to transact the current work and to bring up the arrears in office work retarded by former inadequate appropriations for the same. The arrears consist of 50 townships of descriptive notes of surveys for register's offices; index diagrams to original field notes and original township plats, and the completion of the condensed history of the private land claims of volume 4.			
Office of surveyor general of Minnesota:			
Surveyor general (R. S., p. 388, sec. 2208) .....	2, 000 00	.....	.....
Clerks in his office (R. S., p. 391, sec. 2226) .....	8, 500 00	10, 500 00	7, 000 00
NOTE.—The \$8,500 is estimated for seven clerks, to enable the surveyor general to employ them to attend properly to the current office work, as well as to the bringing up of the work remaining in arrears on account of heretofore restricted appropriations for the purpose.			
Office of surveyor general of Dakota:			
Surveyor general (R. S., p. 388, sec. 2208) .....	2, 000 00	.....	.....
Clerks in his office (R. S., p. 391, sec. 2226) .....	6, 500 00	8, 500 00	8, 500 00
NOTE.—The sum of \$6,500 is estimated for compensation of five employes in the surveyor general's office, consisting of a chief clerk, two draughtsmen, and two transcribing clerks, actually necessary to keep pace with the field-work and avoid any arrears in the office work.			
Office of surveyor general of Colorado:			
Surveyor general (R. S., p. 389, sec. 2210) .....	3, 000 00	.....	.....
Clerks in his office (R. S., p. 391, sec. 2226) .....	7, 800 00	10, 800 00	6, 000 00
NOTE.—The \$7,800 is estimated for the compensation of five clerks and draughtsmen in the surveyor general's office, to attend to the office work consequent on surveys of public lands; arrears of six years are reported by the surveyor general.			
Office of the surveyor general of New Mexico:			
Surveyor general (R. S., p. 389, sec. 2210) .....	3, 000 00	.....	.....
Clerks in his office (R. S., p. 391, sec. 2226) .....	12, 000 00	15, 100 00	8, 500 00
NOTE.—The \$12,100 is submitted for compensation of chief clerk and translator of Spanish language in the adjudication of private land claims in New Mexico, \$2,000 per annum; three			



No. 16.—*Estimates of appropriations required, &c.*—Continued.

Detailed objects of expenditure, and explanations.	Estimated amount which will be required for each detailed object of expenditure.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the current fiscal year ending June 30, 1881.
draughtsmen at \$1,500 each; and five clerks at \$1,400 each. This force is deemed necessary in view of the diminished appropriation for the like service of the current fiscal year; and also of the arrears existing in the preparation of diagrams of private land claims for the registers, showing the surveyed limits of the same and descriptive notes of public surveys for 14 years past.			
Office of surveyor general of California:			
Surveyor general (R. S., p. 389, sec. 2210) .....	\$3, 000 00	.....	.....
Clerks in his office, including those completing, translating, copying, and indexing original Spanish archives, and preserving from destruction originals greatly defaced in the office of the surveyor general of California (R. S., p. 391, sec. 2226) .....	39, 000 00	\$42, 000 00	\$30, 000 00
NOTE.—The \$39,000 estimated for clerk hire, to enable surveyor general to attend to a very diversified office work, under numerous acts of Congress, and to bring up great arrears in the preparation of descriptive notes of surveys of 1,800 townships for the local land offices; 200 lists of swamp lands; 270 copies of township plats; also for completing the reproduction and translation of obliterated Spanish and Mexican archives, the present condition of them being very imperfect, wanting index of chronological arrangement for ready reference to records of cases; the plan consists of making copies of greatly obliterated originals, and translations of the same, a digest and index, and to record them in well-bound books, on the preservation of which many important land titles depend.			
Office of surveyor general of Idaho:			
Surveyor general (R. S., p. 389, sec. 2210) .....	3, 000 00	.....	.....
Clerks in his office (R. S., p. 391, sec. 2226) .....	4, 700 00	7, 700 00	5, 000 00
NOTE.—The \$4,700 estimated for the compensation of clerks in the surveyor general's office covers the pay of three clerks for the whole fiscal year.			
Office of surveyor general of Nevada:			
Surveyor general (R. S., p. 389, sec. 2210) .....	3, 000 00	.....	.....
Clerks in his office (R. S., p. 391, sec. 2226) .....	5, 000 00	8, 000 00	5, 500 00
NOTE.—The \$5,000 is estimated for clerk hire in the office of the surveyor general of Nevada, to cover the compensation of clerks and draughtsmen to attend to the service of the pressing public concerns, necessitated by the agricultural, mineral, and other surveys, the extended mineral land surveys demanding considerable labor in order to expedite the returns of numerous surveys, and constructing maps of mineral districts.			
Office of surveyor general of Oregon:			
Surveyor general (R. S., p. 388, sec. 2209) .....	2, 500 00	.....	.....
Clerks in his office (R. S., p. 391, sec. 2226) .....	7, 000 00	9, 500 00	7, 000 00
NOTE.—The \$7,000 is submitted for the compensation of five clerks in the surveyor general's office, at usual rates per annum, actually needed to attend to the current official business, especially in regard to the swamp-land business, and the transcription of donation claim field notes of survey, the original being in a dilapidated condition.			
Office of surveyor general of Washington:			
Surveyor general (R. S., p. 388, sec. 2209) .....	2, 500 00	.....	.....
Clerks in his office (R. S., p. 391, sec. 2226) .....	7, 500 00	10, 000 00	6, 500 00
NOTE.—The \$7,500 is submitted for the compensation of clerks in the office of surveyor general of Washington Territory, required for the purpose not only to expedite the current office work, but to bring up considerable arrears in the tran-			



No. 16.—*Estimates of appropriations required, &c.*—Continued.

Detailed objects of expenditure, and explanations.	Estimated amount which will be required for each detailed object of expenditure.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the current fiscal year ending June 30, 1881.
scription of the former surveys of the public lands and donation claims, and recording the same as required by law, the accumulation of this kind of work having taken place during ten years, in consequence of insufficient means provided for that purpose. As the original field notes are in a very dilapidated condition, further delay in transcribing them in proper books will cause great loss, and embarrass not only the public interests but those of individual owners of lands.			
Office of surveyor general of Nebraska and Iowa: Surveyor general (R. S., p. 388, sec. 2208) ..... Clerks in his office (R. S., p. 391, sec. 2226) .....	\$2, 000 00 6, 300 00	..... \$8, 300 00	..... \$5, 000 00
NOTE.—The \$6,300 estimated for clerk hire is to cover the pay of five clerks actually needed for the transaction of the ordinary business of the office, and which amount is allowed by law.			
Office of surveyor general of Montana: Surveyor general (R. S., p. 389, sec. 2210) ..... Clerks in his office (R. S., p. 391, sec. 2226) .....	3, 000 00 7, 500 00	..... 10, 500 00	..... 5, 500 00
NOTE.—The \$7,500 is estimated for the pay of clerks in the surveyor general's office, to transact the official business consequent on the survey of agricultural and mineral lands in Montana, especially the latter surveys, being on an increase, will demand constant work in the examination of complicated claims, protraction of numerous plats, recording the same, transcribing field notes, and other duties devolving on clerks too numerous to state, and to bring up arrears in the office work caused by inadequate appropriations in previous years for the purpose.			
Office of surveyor general of Utah: Surveyor general (R. S., p. 389, sec. 2210) ..... Clerks in his office (R. S., p. 391, 2226) .....	3, 000 00 4, 500 00	..... 7, 500 00	..... 5, 500 00
NOTE.—The \$4,500 is submitted for the compensation of clerks in the office of surveyor general of Utah, indispensably needed to attend to extensive surveys of mineral claims, preparation of maps and field notes of the twenty-nine mining districts, and to transact the usual regular business in the office, which has been delayed on account of small appropriations made for the service during the past and present fiscal years.			
Office of surveyor general of Wyoming: Surveyor general (R. S., p. 389, sec. 2210) ..... Clerks in his office (R. S., p. 391, sec. 2226) .....	3, 000 00 4, 700 00	..... 7, 700 00	..... 6, 000 00
NOTE.—The \$7,700 is estimated for clerk hire in the office of surveyor general of Wyoming, of three clerks to transact the business devolving on the office.			
Office of surveyor general of Arizona: Surveyor general (R. S., p. 389, sec. 2210) ..... Clerks in his office (R. S., p. 391, sec. 2226) .....	3, 000 00 5, 700 00	..... 8, 700 00	..... 5, 500 00
NOTE.—The \$5,700 is estimated for clerk hire in the office of surveyor general of Arizona. This amount is actually required to pay clerks in his office, including one versed in the English and Spanish languages, to assist in the duties of examining and reporting upon titles to private land claims, the duty devolved on the surveyor general by the proviso to the appropriation act of July 15, 1870 (Stats., vol. 16, p. 304).			
.....		190, 600 00	126, 600 00



No. 17.—*Estimates of appropriations required for the service of the fiscal year ending June 30, 1882, by the General Land Office.*

Detailed objects of expenditure, and explanations.	Estimated amount which will be required for each detailed object of expenditure.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the current fiscal year ending June 30, 1881.
CONTINGENT EXPENSES—PUBLIC LANDS.			
Office of surveyor general of Louisiana: Fuel, books, stationery, messenger hire, and other incidental expenses (R. S., p. 391, sec. 2227; appropriated, 21 Stat.) .....		\$2, 000 00	\$2, 000 00
Office of surveyor general of Florida: Rent of office for surveyor general, fuel, books, stationery, and other incidental expenses (R. S., p. 391, sec. 2227; appropriated, 21 Stat.) .....		1, 000 00	1, 000 00
Office of surveyor general of Minnesota: Fuel, books, stationery, pay of messenger, and other incidental expenses (R. S., p. 391, sec. 2227; appropriated, 21 Stat.) .....		1, 500 00	1, 500 00
Office of surveyor general of Dakota: Rent of office for surveyor general, fuel, books, stationery, and other incidental expenses (R. S., p. 391, sec. 2227; appropriated, 21 Stat.) .....		2, 000 00	1, 500
Office of surveyor general of Colorado: Rent of office for surveyor general, fuel, books, stationery, and other incidental expenses (R. S., p. 391, sec. 2227; appropriated, 21 Stat.) .....		2, 500 00	1, 500 00
NOTE.—\$2,500 is submitted as actually required to maintain the office; the regular appropriation of \$1,500, for the last fiscal year did not cover one-half of the necessary expenses.			
Office of surveyor general of New Mexico: Rent of office for surveyor general, fuel, books, stationery, and other incidental expenses (R. S., p. 391, sec. 2227; appropriated, 21 Stat.) .....		4, 000 00	1, 500 00
NOTE.—\$4,000 is submitted to pay for a fire-proof safe, renewal of furniture of the office dilapidated by wear and tear of more than twenty years' use, pay of messenger, rent of office, and incidental expenses.			
Office of surveyor general of California: Fuel, books, stationery, pay of messenger, and other incidental expenses of the office (R. S., p. 391, sec. 2227; appropriated, 21 Stat.) .....		4, 000 00	4, 000 00
Office of surveyor general of Idaho: For rent of office for surveyor general, fuel, books, stationery, pay of messenger, and other incidental expenses (R. S., p. 391, sec. 2227; appropriated, 21 Stat.) .....		2, 000 00	1, 500 00
NOTE.—\$2,000 submitted to cover \$600, the pay of messenger; \$600, rent of office; leaving \$800, the cost of fuel and other incidental expenses.			
Office of surveyor general of Nevada: For rent of office for surveyor general, fuel, books, stationery, pay of messenger, and other incidental expenses of the office (R. S., p. 391, sec. 2227; appropriated, 21 Stat.) .....		2, 500 00	1, 500 00
NOTE.—\$2,500 is submitted to cover necessary expenses, consisting of rent of the office, \$720; pay of messenger, \$500; fuel, books, stationery, and other incidental expenses. A smaller amount than here estimated would be detrimental to the public service.			
Office of surveyor general of Oregon: Fuel, books, stationery, pay of messenger, and other incidental expenses (R. S., p. 391, sec. 2227; appropriated, 21 Stat.) .....		1, 500 00	1, 500 00
Office of surveyor general of Washington: Rent of office for surveyor general, fuel, books, stationery, pay of messenger, and other incidental expenses (R. S., p. 391, sec. 2227; appropriated, 21 Stat.) .....		2, 000 00	1, 500 00
Office of surveyor general of Montana: Rent of office for surveyor general, fuel, books, stationery, pay of messenger, and other incidental expenses (R. S., p. 391, sec. 2227; appropriated, 21 Stat.) .....		2, 500 00	1, 500 00
NOTE.—\$2,500 is estimated to pay rent of office, messenger, binding the original field notes of public surveys, mounting with cloth township plats which have accumulated since the beginning of public surveys, &c.			



No. 17.—*Estimates of appropriations required, &c.*—Continued.

Detailed objects of expenditure, and explanations.	Estimated amount which will be required for each detailed object of expenditure.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the current fiscal year ending June 30, 1881.
Office of surveyor general of Nebraska and Iowa: Rent of office for surveyor general, fuel, books, stationery, and other incidental expenses (R. S., p. 391, sec. 2227; appropriated, 21 Stat.) .....		\$2, 500 00	\$1, 500 00
NOTE.—\$2,500 is submitted for regular incidental expenses of the office, and to cover the cost of mounting with cloth township plats and binding original field notes of survey of the public lands.			
Office of surveyor general of Utah: For rent of office for surveyor general, pay of messenger, fuel, books, stationery, and other incidental expenses (R. S., p. 391, 2227; appropriated, 21 Stat.) .....		2, 000 00	1, 500 00
Office of surveyor general of Wyoming: Rent of office for surveyor general, pay of messenger, fuel, books, stationery, and other incidental expenses (R. S., p. 391, sec. 2227; appropriated, 21 Stat.) .....		2, 000 00	1, 500 00
Office of surveyor general of Arizona: Rent of office for surveyor general, pay of messenger, fuel, books, stationery, and other incidental expenses (R. S., p. 391, sec. 2227; appropriated, 21 Stat.) .....		1, 500 00	1, 500 00
Total.....		35, 500 00	26, 500 00

J. A. WILLIAMSON,  
*Commissioner.*

DEPARTMENT OF THE INTERIOR,  
*General Land Office, September 30, 1880.*



No. 18.—*Historical and statistical table of the United States and Territories, showing the area of each in square miles and in acres ; the date of organization of Territories ; date of admission of new States into the Union ; and the population of each State and Territory at the taking of the census in 1870.*

Civil divisions.	Act organiz- ing Terri- tory.	United States Statutes.		Act admitting State.	United States Statutes.		Area of the States and Territories.		Number of acres surveyed up to June 30, 1880.	Area remaining unsurveyed on the 30th June, 1880.	Population in 1870.
		Vol.	Page.		Vol.	Page.	In square miles.	In acres.			
THE THIRTEEN ORIGINAL STATES.											
New Hampshire.....							9, 280	5, 839, 200			318, 300
Massachusetts.....							7, 800	4, 992, 000			1, 457, 351
Rhode Island.....							1, 306	835, 840			217, 353
Connecticut.....							4, 750	3, 040, 000			537, 454
New York.....							47, 000	30, 080, 000			4, 382, 759
New Jersey.....							8, 320	5, 324, 800			906, 096
Pennsylvania.....							46, 000	29, 440, 000			3, 521, 951
Delaware.....							2, 120	1, 356, 800			125, 015
Maryland.....							11, 124	7, 119, 360			780, 894
Virginia.....							38, 348	24, 542, 720			1, 225, 163
North Carolina.....							50, 704	32, 450, 560			1, 071, 361
South Carolina.....							34, 000	21, 760, 000			705, 606
Georgia.....							58, 000	37, 120, 000			1, 184, 109
STATES ADMITTED.											
Kentucky.....				Feb. 4, 1791	1	189	37, 680	24, 115, 200			1, 321, 011
Vermont.....				Feb. 18, 1791	1	191	10, 212	6, 535, 680			330, 551
Tennessee.....				June 1, 1796	1	491	45, 600	29, 184, 000			1, 258, 520
Maine.....				Mar. 3, 1820	3	544	35, 000	22, 400, 000			626, 915
Texas.....				Dec. 29, 1845	9	108	274, 356	175, 587, 840			818, 579
West Virginia.....				Dec. 31, 1862	12	633	23, 000	14, 720, 000			442, 014
PUBLIC LAND STATES AND TERRITORIES.											
<i>States.</i>											
Ohio.....				Apr. 30, 1802	2	173	37, 964	25, 576, 960	25, 576, 960		2, 665, 260
Louisiana.....	Mar. 3, 1805	2	331	Apr. 8, 1812	2	701	41, 346	26, 461, 440	25, 312, 548	1, 148, 892	726, 915
Indiana.....	May 7, 1800	2	58	Dec. 11, 1816	3	399	33, 809	21, 637, 760	21, 637, 760		1, 680, 637
Mississippi.....	Apr. 7, 1798	1	549	Dec. 10, 1817	3	472	47, 156	30, 179, 840	30, 179, 840		827, 922
Illinois.....	Feb. 3, 1809	2	514	Dec. 3, 1818	3	536	55, 414	35, 465, 093	35, 465, 093		2, 539, 891
Alabama.....	Mar. 3, 1817	3	371	Dec. 14, 1819	3	608	50, 722	32, 462, 115	32, 462, 115		996, 992
Missouri.....	June 4, 1812	2	743	Mar. 2, 1824	3	645	65, 370	41, 836, 931	41, 836, 931		1, 721, 295
Arkansas.....	Mar. 2, 1819	3	493	June 15, 1836	5	50	52, 202	33, 410, 063	33, 410, 063		484, 471
Michigan.....	Jan. 11, 1805	2	309	Jan. 26, 1837	5	144	56, 451	36, 128, 640	36, 128, 640		1, 184, 059
Florida.....	Mar. 30, 1822	3	654	Mar. 3, 1845	5	742	59, 268	37, 931, 520	30, 175, 027	7, 756, 493	187, 748
Iowa.....	June 12, 1838	5	235	Mar. 3, 1845	5	742	55, 045	35, 228, 800	35, 228, 800		1, 194, 020
Wisconsin.....	Apr. 20, 1836	5	10	Mar. 3, 1847	9	178	53, 924	34, 511, 360	34, 511, 360		1, 054, 670



No. 18.—*Historical and statistical table of the United States and Territories, &c.*—Continued.

Civil divisions.	Act organiz- ing Terri- tory.	United States Statutes.		Act admitting State.	United States Statutes.		Area of the States and Territories.		N u m b e r o f acres surveyed up to June 30, 1880.	Area remaining unsurveyed on the 30th June, 1880.	Population in 1870.
		Vol.	Page.		Vol.	Page.	In square miles.	In acres.			
PUBLIC LAND STATES AND TERRITORIES— Continued.											
States—Continued.											
California .....	.	-----	-----	Sept. 9, 1850	9	452	157, 801	100, 992, 640	52, 349, 048	48, 643, 592	560, 247
Minnesota .....	Mar. 3, 1849	9	403	Feb. 26, 1857	11	166	83, 531	53, 459, 840	39, 949, 417	13, 510, 423	439, 706
Oregon .....	Aug. 14, 1848	9	323	Feb. 14, 1859	11	383	95, 274	60, 975, 360	23, 067, 020	37, 908, 340	90, 923
Kansas .....	May 30, 1854	10	277	Jan. 29, 1861	12	126	80, 891	51, 776, 240	51, 770, 240	-----	364, 399
Nevada .....	Mar. 2, 1861	12	209	Mar. 21, 1864	13	30	112, 090	71, 737, 600	13, 301, 002	58, 436, 598	42, 491
Nebraska .....	May 30, 1854	10	277	Feb. 6, 1867	14	391	75, 995	48, 636, 800	41, 584, 593	7, 052, 207	122, 993
Colorado .....	Feb. 28, 1861	12	172	} .....	-----	-----	104, 500	66, 880, 000	26, 222, 321	40, 657, 679	39, 864
	Mar. 3, 1875	18	474								
Territories.											
Wyoming .....	July 25, 1868	15	178	-----	-----	-----	97, 883	62, 645, 120	9, 263, 635	53, 381, 485	9, 118
New Mexico .....	Sept. 9, 1850	9	446	-----	-----	-----	121, 201	77, 568, 640	10, 543, 650	67, 024, 990	91, 874
Utah .....	Sept. 9, 1850	9	453	-----	-----	-----	84, 476	54, 064, 640	9, 781, 960	44, 282, 680	86, 786
Washington .....	Mar. 2, 1853	10	172	-----	-----	-----	69, 994	44, 796, 160	15, 959, 175	28, 836, 985	23, 955
Dakota .....	Mar. 2, 1861	12	239	-----	-----	-----	150, 932	96, 596, 480	25, 174, 377	71, 422, 103	14, 181
Arizona .....	Feb. 24, 1863	12	664	-----	-----	-----	113, 916	72, 906, 240	5, 807, 874	67, 098, 366	9, 658
Idaho .....	Mar. 3, 1863	12	808	-----	-----	-----	86, 294	55, 228, 160	7, 488, 792	47, 739, 368	14, 999
Montana .....	May 26, 1864	13	85	-----	-----	-----	143, 776	92, 016, 640	11, 364, 964	80, 651, 676	20, 595
Alaska .....	July 27, 1868	15	240	-----	-----	-----	577, 390	369, 529, 600	-----	369, 529, 600	(*)
Indian Territory .....		-----	-----	-----	-----	-----	68, 991	44, 154, 240	27, 003, 990	17, 150, 250	(*)
District of Columbia .....	July 16, 1790	1	130	} .....	-----	-----	60	38, 400	-----	-----	131, 700
	Mar. 3, 1791	1	214								
Total .....		-----	-----	-----	-----	-----	3, 580, 266	2, 291, 371, 322	752, 557, 195	1, 062, 231, 727	38, 558, 371

\* No census taken.



No. 19.—*List of surveyors general and their residences.*

No.	Names.	Residence.	No.	Names.	Residence.
1	John Wasson .....	Tucson, Ariz.	9	Roswell H. Mason.....	Helena, Mont.
2	Albert Johnson .....	Denver, Colo.	10	E. S. Davis .....	Virginia City, Nev.
3	Theo. Wagner.....	San Francisco, Cal.	11	George S. Smith .....	Plattsmouth, Nebr.
4	Henry Espersen.....	Yankton, Dak.	12	H. M. Atkinson.....	Santa Fé, N. Mex.
5	Le Roy D. Ball .....	Tallahassee, Fla.	13	James C. Tolman .....	Portland, Oreg.
6	William P. Chandler ..	Boise City, Idaho.	14	Fred. Salomon.....	Salt Lake City, Utah.
7	O. H. Brewster .....	New Orleans, La.	15	William McMicken ...	Olympia, Wash.
8	J. H. Stewart .....	Saint Paul, Minn.	16	Edward C. David.....	Cheyenne City, Wyo.

No. 20.—*United States land offices.*

ALABAMA. Huntsville. Montgomery.	DAKOTA—Cont'd. Mitchell. Fargo. Yankton. Bismarck. Deadwood. Grand Forks.	MICHIGAN—Cont'd. Marquette.	NEVADA. Carson City. Eureka.
ARKANSAS. Little Rock. Camden. Harrison. Dardanelle.	FLORIDA. Gainesville.	MINNESOTA. Taylor's Falls. Saint Cloud. Duluth. Fergus Falls. Worthington.	NEW MEXICO. Santa Fé. La Mesilla.
ARIZONA. Prescott. Florence.	IDAHO. Boise City. Lewiston. Oxford.	MISSISSIPPI. Jackson.	OREGON. Oregon City. Roseburg. Le Grand. Lakeview. The Dalles.
CALIFORNIA. San Francisco. Marysville. Humboldt. Stockton. Visalia. Sacramento. Los Angeles. Shasta. Susanville. Bodie.	IOWA. Des Moines.	MISSOURI. Boonville. Ironton. Springfield.	UTAH. Salt Lake City.
COLORADO. Denver City. Leadville. Central City. Pueblo. Del Norte. Lake City.	KANSAS. Topeka. Salina. Independence. Wichita. Kirwin. Concordia. Larned. Wa-Keeney.	MONTANA. Helena. Bozeman. Miles City.	WASHINGTON. Olympia. Vancouver. Walla Walla. Colfax. Yakima.
DAKOTA. Watertown.	LOUISIANA. New Orleans. Natchitoches.	NEBRASKA. Norfolk. Beatrice. Lincoln. Niobrara. Grand Island. North Platte. Bloomington.	WISCONSIN. Menasha. Falls of Saint Croix. Wausau. La Crosse. Bayfield. Eau Claire.
	MICHIGAN. Detroit. East Saginaw. Reed City.		WYOMING. Cheyenne. Evanston.

NOTE.—By act of July 31, 1876, the land offices in Ohio, Indiana, and Illinois were abolished; and by act of March 3, 1877, the vacant tracts of public land in Ohio, Indiana, and Illinois are made subject to entry and location at the General Land Office, Washington, D. C.







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# REPORTS

OF THE

## UNITED STATES SURVEYORS GENERAL

FOR THE

FISCAL YEAR ENDING JUNE 30, 1880.

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DESIGNATED BY LETTERS A TO P INCLUSIVE.

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*A.—Report of the surveyor general of Arizona.*

UNITED STATES SURVEYOR GENERAL'S OFFICE,  
Tucson, Ariz., August 18, 1880.

SIR: In compliance with General Land Office instructions of April 5, 1880, I have the honor to herewith transmit my annual report of surveying and other operations in this district for the fiscal year ending June 30, 1880.

Tabular statements showing the extent and locality of surveys and also of expenditures of the office accompanying this report, viz:

A 1.—Statement of contracts for survey of public lands for the year ending June 30, 1880.

A 2.—Statement of contracts for survey of public lands payable out of special deposits for same year.

A 3.—Statement of contracts for preliminary survey of private land claims for same year.

B 1.—Statement of account of appropriation for public land surveys for same year.

B 2.—Statement of account of funds deposited by individuals for same year.

B 3.—Statement of account of appropriation for survey of private land claims for the same year.

C.—Statement of account of appropriation for salaries and office expenses for same year.

D.—Statement of account of deposit fund for office work for said year.

E.—Statement of account of "office expenses" connected with private land claims same year.

F.—Statement of plats made same year.

G.—Statement miles surveyed same year.

H.—Statement mining claims and mill-sites surveyed during said year.

I.—List of lands surveyed during same year.

## SURVEY OF PUBLIC LANDS, ETC.

As a rule no crop can be grown in Arizona without artificial irrigation. With the exception of small tracts widely separated, the agricultural (public) land, for which there is sufficient water to irrigate, has been surveyed. This assertion has reference to such land as can be irrigated with a moderate outlay of labor and money. Of course by systems of irrigation costing millions of dollars the waters of the Colorado, Gila, Salt, and a few other streams could be made to irrigate much more land than is now surveyed in Arizona, but until there are changes in the land laws that will enable capitalists, who alone can construct and maintain such systems, to purchase land in such quantities and at such prices as will eventually repay them for the expenditure, there will be need for the survey of but little more land for tillage.

It is a great misfortune that Congress will not legislate anew and aright in reference to the arid lands of the interior of the continent. It can no longer refuse to act for want of proper information. Long since Lieut. George M. Wheeler and Mr. J. W. Powell, and others, accurately described the land, its lack of moisture and differences from the land lying between the Atlantic coast and the borders of Wyoming, Colorado, and New Mexico, and that hugging the Pacific coast. Congress created a commission by act of March 3, 1879, to collect information and make "such recommendations as they may deem wise in relation to the best methods of disposing of the public lands of the western portion of the United States to actual settlers." That commission truly informed Congress of the nature of these lands. It will do no harm to group a few of its statements here, viz:

"It is probable that more than three-fourths of all the future redemption of land by irrigation will demand the expenditure of \$1,000,000 or more in each enterprise."

"Poor men cannot make homes on the irrigable lands till capital intervenes for their reclamation. To induce capitalists to invest in these enterprises, they must be permitted to have control of the land and to seek their recompense in the great value given to previously worthless lands by their enterprise. For this reason, it appears that the irrigable lands should be sold in unlimited quantities, subject only to the condition that the purchasers redeem the lands by the construction of necessary hydraulic works."

"One region is valuable exclusively for mining, another solely for timber, a third for nothing but pasturage, and a fourth serves no useful purpose whatever."

Referring to the immense area valuable for little else than grazing, the commission say:

"These lands cannot be redeemed by irrigation, as the waters of the living streams are not sufficient for that purpose;" that they "bear no timber of commercial value," and that they "are valuable in large quantities for pasturage purposes;" that "as the



people cannot obtain title to the lands, permanent settlements are rarely made. To the men living on the government land who raise stock by pasturage thereon, no inducements to local improvements are presented. Homes are rarely found."

Again: "If these lands are to be occupied by permanent settlers and the institutions of modern civilization founded, some new method of disposal is imperatively demanded."

The commission in this particular concludes:

"1. The lands must be disposed of in quantities sufficient to the establishment of a home, and (2) the price of these lands must be fixed so low that men can afford to take them solely for pasturage purposes;" and that "after the most thorough investigation possible for the commission to make, the conclusion has been reached that the farm unit should not be less than four square miles."

It is mere bosh to orate about our vast unsettled and uncultivated domain which cannot be populated to any great extent under present legislation; and it is a cruel wrong to the poor to induce them to go upon such land to make homes.

Each year suitable legislation is deferred enlarges the difficulties in perfecting it.

All the irrigable agricultural and pasturage lands should be immediately surveyed into townships and offered for sale in large tracts, at low rates per acre, with the simple but imperative condition of providing water by reservoirs and canals, or by the artesian process, as the case may require for tillage or pasturage. The railway between Tucson and Yuma does not cross a living stream of water, and the distance is 248 miles, and yet it traverses many townships of land capable of large production with water.

The railway company has demonstrated the practicability of getting water by expensive wells, and has also demonstrated that to donate a small or large quantity of the same land to poor men on condition of occupation is only an enticement for them to become poorer, and perhaps starve to death with abundance of productive soil on every side. The Public Land Commission was exactly right in saying that the irrigable lands should be sold in unlimited quantities, subject only to the condition that the purchasers do actually redeem the lands by constructing the hydraulic works necessary thereto;" and that the price of pasturage lands "must be fixed so low that men can afford to take them for pasturing purposes," and that the pasturage "farm unit should be not less than four square miles."

#### PRIVATE LAND CLAIMS.

September 1, 1879, this office was regularly opened, by previous published notice in Spanish and English for six weeks, for examination and report on private land claims. I provided the office with a suitable iron safe to preserve from fire and theft the original title papers filed; employed a thorough Spanish scholar (Rufus C. Hopkins), who had many years experience in examining titles to private land claims derived from Spain and Mexico; collected reliable printed authorities in the premises, and procured manuscript copies of laws and regulations not obtainable in print; purchased fifteen volumes of the United States Supreme Court Reports (from 17 Howard to 6 Wallace), examined all decisions touching private land cases, made up a written reference and record (with index) of all opinions bearing upon the rights and duties of our government, rights of claimants, powers of officers, &c., and have carefully examined and reported upon the following cases, viz:

1. October 29, 1879.—"San Rafael del Valle"; petition for four square leagues by Camou Bros.; confirmation recommended as per petition.

2. November 6, 1879.—"San Ignacio del Babacomori"; petition by E. B. Perrin *et al.*, for eight square leagues; confirmation recommended for amount to the legal representatives of the original grantees.

3. January 7, 1880.—"Tumacacori and Las Calabazas"; petition by C. P. Sykes and John Currey for an indefinite amount, within boundaries, which proved by preliminary survey to be about eleven square leagues; confirmation recommended in accordance with the petition.

4. January 14, 1880.—"San José de Sonvita"; petition by Matias Alsua, for one and three-quarters square leagues; confirmation recommended as per petition.

5. February 20, 1880.—"San Ignacio de la Canoa"; petition by Frederick Maish, Thomas Driscoll, and the heirs of Ignacio Ortiz, for four square leagues; confirmation recommended as per petition.

6. April 28, 1880.—"San Rafael de la Sanja"; petition by F. Romero *et al.*, for sixteen square leagues; confirmation recommended to the legal representatives of the original grantees for four square leagues *and no more*.

7. August 12, 1880.—"El Paso de los Algodones"; petition by the Colorado Commercial and Land Company for five square leagues; recommendation that the claim be rejected on the ground that the title papers were antedated and forged.

It will thus be seen that claims aggregating 49½ square leagues have been passed upon—seventeen square leagues of which are recommended *for rejection*.



From the best information at hand, I believe the Mexican archives in the State of Sonora contain some record of twenty-one claims within what is now Arizona.

Of a number of claims now pending in this office, but one is ready to report, because the petitioners have not fully presented their cases; and the one referred to, it is deemed proper to hold for additional communication with petitioner.

Claims about which there is any defect, doubt, or suspicion have to be nursed along and passed upon with great care. The original records are all nearly four hundred miles from this office. The best expert on such records might examine and re-examine them and not detect defects or frauds until after he had seen and examined the "testimonios" in the hands of claimants.

Experience proves that critical inspections of the original records in the Mexican archives are a necessity in every case presented about which doubts arise. The distance between Tucson and the various Mexican towns where records are kept, or are supposed to exist, and the inconveniences of travel, make examinations both expensive and tedious. In cases wherein defects exist or fraud is suspected, it is the duty of this office to establish the facts—a task nearly always difficult, and, under the circumstances just stated, one involving time and care.

In making inspections of the Mexican archives in Sonora, the Mexican officials have cheerfully extended to the agents of our government all the freedom and aid required on our part.

With the experience and accumulated documents and facts of the past twelve months, I feel confident that (if claimants will do their duty) the labor of the present fiscal year will substantially conclude the preliminary investigations and surveys of the Spanish and Mexican private land claims in Arizona, save, perhaps, those for a few small tracts made by captains of presidios.

The ready and ample support of your office has enabled me to make the satisfactory progress here reported.

#### INDIAN RESERVATION.

The exterior boundaries of the San Carlos Indian Reservation are still unsurveyed. This is unfortunate. Mining enterprises on and near to its western border are discouraged and embarrassed on the one hand and mischief fomented on the other by men and officers whose greed overcomes their sense of duty. The history of the past year regarding "operations" in mines thereabouts is disgraceful, though possibly not devoid of useful influence by reason of the exposure of the bad acts of high but unfaithful officers therewith. I have no doubt but an honest and earnest effort on the part of those specially charged with that boundary question would have ere this resulted in its proper adjustment. In the interest of the Indians, miners, and settlers generally, as well as government (and perchance of officials whose power to resist temptation is insufficient), the lines of that reservation should be established on the ground so that none but blind people could plead ignorance of its exact locality. The reservation is evidently permanent, and therefore its limits ought to be defined.

Each year the interests on its borders and within them are increasing in variety and value. I am frequently asked, verbally and by letter, where the boundary is at certain important points, and the only reply that I can give is that no part of it has been instrumentally ascertained and marked.

#### STATISTICS OF PROGRESS.

It was my purpose to have collected statistics relating to the progress of mining extent and success of reduction works, bullion produced, character of developments made, &c., for this report; but a work of this kind was assigned to Hon. Clarence King by the Census Bureau, and I have reason to believe that it is being more thoroughly done than I could have performed it with a proper discharge of my public duties, and with the limited means at my command. In fact, statistics covering the whole range of industries are being or have been (this year) gathered by the Census Bureau, and to its reports the searcher for statistics about Arizona is referred; suffice it to say that the progress in the various branches of industry has been equal to and in mining and railway building above conservative estimates twelve months ago. Arizona is no longer an unknown Territory to most of our countrymen, nor one mastered by Apache Indians, nor one isolated from easy and rapid lines of reasonably cheap communication.

Very respectfully, your obedient servant,

JOHN WASSON,  
*United States Surveyor General.*

Hon. J. A. WILLIAMSON,  
*Commissioner General Land Office, Washington, D. C.*



A 1.—*Statement of contracts entered into by the surveyor general of Arizona with deputy surveyors, for the survey of public lands in Arizona, and payable out of the apportionment for public land surveys, for the fiscal year ending June 30, 1880.*

Name of deputy surveyor.	Date of contract.	Description of work.	Meridian.	Amount of contract.	Amount returned.	Amount audited.
John L. Harris.....	Apr. 28, 1879	Survey irrigable lands and timber lands along Little Colorado River.....	Gila and Salt Rivers ....	\$8,000 00	\$8,374 28	\$8,374 28
John L. Harris.....	Aug. 19, 1879	Survey irrigable agricultural lands along the Gila and San Pedro Rivers..	.....do .....	2,000 00	1,745 32	1,625 72

A 2.—*Statement of contracts entered into by the surveyor general of Arizona with deputy surveyors, for the survey of public lands in Arizona, and payable out of deposits by individuals, for the fiscal year ending June 30, 1880.*

Name of deputy surveyor.	Date of contract.	Description of work.	Meridian.	Amount of contract.	Amount returned.	Amount audited.
Alex. J. Mitchell .....	Feb. 28, 1880	Survey exterior boundaries of Tombstone town site .....	Gila and Salt River.....	\$30 00	\$30 00	\$30 00
Herbert R. Patriek ...	Mar. 20, 1880	Survey surveyable parts of township 6 north, range 4 west.....	.....do .....	160 00	159 13	159 13

A 3.—*Statement of contracts entered into by the surveyor general of Arizona with deputy surveyors, for the survey of private land claims in Arizona, for the fiscal year ending June 30, 1880.*

Name of deputy surveyor.	Date of contract.	Description of work.	Meridian.	Amount of contract.	Amount returned.	Amount audited.
Solon M. Allis .....	Sept. 17, 1879	Preliminary survey exterior boundaries San Ignacio del Babacemari claim.	Gila and Salt River.....	\$749 72	\$749 72	\$749 72
Do.....	.....do .....	Preliminary survey exterior boundaries San Rafael del Valle claim.....	.....do .....	416 02	416 02	416 02
John L. Harris.....	Jan. 7, 1880	Preliminary survey exterior boundaries Tumacaceri and Las Calabazas claim.	.....do .....	978 18	978 18	978 18
Do.....	Jan. 14, 1880	Preliminary survey exterior boundaries San Jose de Sonoita claim.....	.....do .....	344 33	344 33	344 33
Do.....	Feb. 23, 1880	Preliminary survey exterior boundaries San Ignacio de la Canva claim ...	.....do .....	485 28	485 28	485 28
Solon M. Allis .....	Apr. 28, 1880	Preliminary survey exterior boundaries San Rafael de la Zanja claim ...	.....do .....	445 83	445 83	445 83



B 1.—Statement of account of the apportionment for surveys of public lands in Arizona during the fiscal year ending June 30, 1880.

Date of account.	In favor of—	Date of contract.	Amount.	Date.	On account of—	Amount.
Nov. 8, 1879	John L. Harris.....	Apr. 28, 1879	\$8, 374 28	Apr. 15, 1879	Apportionment for survey of public lands in Arizona during the fiscal year ending June 30, 1880.....	
Feb. 7, 1880	.....do .....	Aug. 19, 1879	1, 625 72			\$10, 000 00
			10, 000 00			10, 000 00

B 2.—Statement of account of funds deposited by individuals for the survey of public lands in Arizona during the fiscal year ending June 30, 1880.

Date of account.	In favor of—	Date of contract.	Amount.	Date.	On account of—	Amount.
Mar. 31, 1880	Alex. J. Mitchell.....	Feb. 28, 1880	\$30 00	Feb. 28, 1880	Deposit made by J. S. Clarke for field work, case of survey of Tombstone town-site.	\$30 00
June 2, 1880	Herbert R. Patrick.....	Mar. 20, 1880	159 13	Apr. 2, 1880	Deposit made by Peter Doll for field work, case of survey of township 6 north, range 4 west.	160 00
June 30, 1880	Balance due Peter Doll .....		87			190 00
			190 00			87
				June 30, 1880	Balance .....	

B 3.—Statement of account of the appropriation for the survey of private land claims in Arizona during the fiscal year ending June 30, 1880.

Date of account.	In favor of—	Date of contract.	Amount.	Date.	On account of—	Amount.
Jan. 17, 1880	Solon M. Allis .....	Sept. 17, 1879	\$749 72	Apr. 15, 1880	Apportionment for survey of private land claims out of the appropriation of \$15,000, made March 3, 1879, for survey of private land claims in Arizona, and office expenses.	\$10, 500 00
Jan. 17, 1880	.....do .....	.....do .....	416 02			
Apr. 3, 1880	John L. Harris.....	Jan. 7, 1880	978 18			
Mar. 12, 1880	.....do .....	Jan. 14, 1880	344 33			
Apr. 9, 1880	.....do .....	Feb. 23, 1880	485 28			
June 11, 1880	Solon M. Allis .....	Apr. 28, 1880	445 83			
Feb. 25, 1880	Amount transferred to fund for office expenses.		1, 000 00			
June 30, 1880	Unexpended balance.....		6, 080 64	June 30, 1880	Balance .....	6, 080 64
			10, 500 00			



C.—Statement of the account of the appropriations for the salary of the surveyor general of Arizona, for clerks in his office, and for incidental expenses, for the fiscal year ending June 30, 1880.

DR.			CR.		
Date.	Account.	Amount.	Date.	Account.	Amount.
June 30, 1880	To amount paid John Wasson for services as surveyor general.	\$2, 750 00	Mar. 3, 1879	By appropriation for compensation of surveyor general of Arizona, and clerks in his office.	\$5, 750 00
June 30, 1880	To amount paid clerk and draughtsman.	2, 575 94	Mar. 3, 1879	By appropriation for incidental expenses of office.	1, 500 00
June 30, 1880	To amount of incidental expenses.	1, 466 40			
June 30, 1880	To balance of appropriation for clerk hire.	424 06			
June 30, 1880	To balance of appropriation for incidental expenses.	33 60			
		7, 250 00			7, 250 00
			June 30, 1880	Unexpended balance.....	457 66

D.—Statement of account of fund created by individual depositors for expenses of office work, case of survey of public lands in Arizona for the fiscal year ending June 30, 1880.

DR.			CR.		
Date.	Account.	Amount.	Date.	Account.	Amount.
June 30, 1880	To amount paid mining clerk and draughtsman during the year.	\$1, 423 99	June 30, 1879	By balance of fund on hand.	\$1, 470 94
June 30, 1880	To unexpended balance	1, 956 95	June 30, 1880	By amount of deposits made during fiscal year ending this date.	1, 910 00
		3, 380 94			3, 380 94
			June 30, 1880	Unexpended balance ....	1, 956 95

E.—Statement of account of apportionment for office expenses connected with the survey of private land claims in Arizona for the fiscal year ending June 30, 1880.

DR.			CR.		
Date.	Account.	Amount.	Date.	Account.	Amount.
June 30, 1880	To amount paid for salary of translator and for incidental expenses.	\$4, 551 22	Apr. 15, 1879	By amount apportioned out of the appropriation of \$15,000, made March 3, 1879, for survey of private land claims in Arizona and office expenses.	\$4, 500 00
June 30, 1880	To unexpended balance..	948 78	Feb. 28, 1880	By further amount apportioned for office expenses.	1, 000 00
		5, 500 00			
			June 30, 1880	Unexpended balance.....	948 78

F.—Statement of plats made in the surveyor general's office, Arizona, during the fiscal year ending June 30, 1880.

Description.	Original.	Department.	Register.	Claimants.	Totals.
Plats of standard and township lines.....	3	3	.....	.....	6
Plats of section lines.....	23	23	23	.....	69
Plats of mining and mill-site claims .....	39	.....	39	78	156
Plats of private land claims .....	6	10	.....	.....	16
Plats of town site boundaries .....	1	1	1	.....	3
Totals.....	72	37	63	78	250



G.—Statement of number of miles surveyed in Arizona during the fiscal year ending June 30, 1880.

Name of deputy surveyor.	Date of contract.	Base.	Meridian.	Standard.	Township.	Section.	Traverse.	Meander.	Reservation exteriors.	Private land claims.
		<i>M. chs. lks.</i>	<i>M. chs. lks.</i>	<i>M. chs. lks.</i>	<i>M. chs. lks.</i>	<i>M. chs. lks.</i>	<i>M. chs. lks.</i>	<i>M. chs. lks.</i>	<i>M. chs. lks.</i>	<i>M. chs. lks.</i>
John L. Harris .....	Apr. 28, 1879	.....	.....	38 31 54	233 22 85	849 13 41	.....	.....	.....	.....
Do .....	Aug. 19, 1879	.....	.....	13 50	43 75 46	238 27 00	.....	.....	.....	.....
Solon M. Allis .....	Sept. 17, 1879	.....	.....	.....	.....	.....	.....	.....	.....	46 68 62 <sup>2</sup> / <sub>3</sub>
Do .....	Sept. 17, 1879	.....	.....	.....	.....	.....	.....	.....	.....	26 00 08 <sup>1</sup> / <sub>3</sub>
John L. Harris .....	Jan. 7, 1880	.....	.....	.....	.....	.....	9 75 84	.....	.....	57 32 48
Do .....	Jan. 14, 1880	.....	.....	.....	.....	.....	1 51 25	.....	Town site ..	20 72 47
Do .....	Feb. 23, 1880	.....	.....	.....	.....	.....	9 35 03 <sup>1</sup> / <sub>3</sub>	.....	.....	26 03 33 <sup>1</sup> / <sub>3</sub>
Alexander J. Mitchell .....	Feb. 28, 1880	.....	.....	.....	.....	.....	.....	.....	3 00 00	.....
Herbert R. Patrick .....	Mar. 20, 1880	.....	.....	.....	6 00 00	19 41 73	.....	.....	.....	.....
Solon M. Allis .....	Apr. 20, 1880	.....	.....	.....	.....	.....	4 65 53	.....	.....	24 04 86 <sup>1</sup> / <sub>3</sub>
Totals .....	.....	.....	.....	38 45 04	277 18 31	1,107 02 14	25 67 65 <sup>1</sup> / <sub>3</sub>	.....	3 00 00	201 21 85 <sup>2</sup> / <sub>3</sub>
Surveyed previous to June 30, 1879 .....	.....	55 78 53	57 48 15	854 04 50	3,915 61 66	12,213 03 81	19 77 60	158 13 44	203 38 48	49 68 89
Total surveyed to June 30, 1880 .....	.....	55 78 53	57 48 15	892 49 54	4,192 79 97	13,320 05 95	45 75 25 <sup>1</sup> / <sub>3</sub>	158 13 44	206 38 48	251 10 74 <sup>2</sup> / <sub>3</sub>



## H.—Statement of surveys of mining and mill-site claims in Arizona during the fiscal year ending June 30, 1880.

Date of survey.	Designation of claim.	Location.	Character.	Claimants.	Area.	Amount of deposit.
					<i>Acres.</i>	
June 18, 1879	Mauquitta mining claim .....	Yuma County .....	Gold .....	J. Traves .....	20.66	\$40 00
July 22, 1879	American mining claim .....	Pima County .....	Silver .....	Silver Cloud Mining Company .....	20.66	40 00
July 20, 1879	American Mill Site claim .....	do .....	Non-mineral .....	do .....	5.00	40 00
July 18, 1879	Blue Nose mining claim .....	do .....	Silver .....	E. A. Corbin .....	18.62	40 00
Aug. 12, 1879	Grand Central mining claim .....	do .....	Gold and silver .....	Grand Central Mining Co. of Missouri <i>et als</i> ..	20.22	40 00
Aug. 13, 1879	South extension Grand Central mining claim ..	do .....	do .....	J. B. W. Gardiner and B. Frank Hall .....	18.68	40 00
Sept. 19, 1879	Hackberry South mining claim .....	Mohave County .....	Silver .....	Paul Breen and B. H. Spear .....	20.63	40 00
Sept. 16, 1879	Ithaca mining claim .....	do .....	do .....	Mineral Park Mining Company of Arizona ..	20.63	40 00
Sept. 5, 1879	Mineral Park Mill Site claim .....	do .....	Non-mineral .....	do .....	5.00	40 00
Nov. 15, 1879	Naumkeag mining claim .....	Pima County .....	Silver .....	Moody & Farish .....	11.53	40 00
Nov. 1, 1879	Smith & Co.'s location on Tiger Lode .....	Yavapai County .....	do .....	Wilkerson & Hooker .....	1.84	40 00
Nov. 18, 1879	Carbonate mining claim .....	Pima County .....	do .....	Fulemnidee & Bowman .....	20.66	40 00
Jan. 7, 1880	Mountain Top mining claim .....	do .....	do .....	J. C. Bullard <i>et als</i> .....	17.42	40 00
Jan. 8, 1880	Empire mining claim .....	do .....	do .....	W. A. Simmons .....	18.95	40 00
Jan. 9, 1880	California mining claim .....	do .....	do .....	Surprise Silver Mining Company .....	20.27	40 00
Mar. 11, 1880	Oro Benito mining claim .....	Yavapai County .....	Gold .....	Return Roberts .....	20.66	40 00
Feb. 18, 1880	Tranquillity mining claim .....	Pima County .....	Gold and silver .....	White & Parsons .....	18.757	40 00
Feb. 19, 1880	Sulphuret mining claim .....	do .....	do .....	J. H. White <i>et als</i> .....	19.129	40 00
Feb. 23, 1880	Montezuma mining claim .....	do .....	Silver .....	C. C. Copeland .....	20.66	40 00
Feb. 24, 1880	Montezuma Mill Site claim .....	do .....	Non-mineral .....	do .....	5.00	40 00
Mar. 19, 1880	Sunset mining claim .....	do .....	Silver .....	Asa W. Say <i>et als</i> .....	12.27	40 00
Mar. 9, 1880	Silver Bell mining claim .....	do .....	do .....	John M. Desloge .....	4.98	40 00
Mar. 23, 1880	{ Princess mining claim .....	Yuma County .....	do .....	A. D. Crawford <i>et als</i> .....	20.66	40 00
Mar. 24, 1880						
April 8, 1880	Emperor mining claim .....	Pima County .....	do .....	C. A. Sprlng, jr. ....	20.66	40 00
April 7, 1880	Duchess mining claim .....	do .....	do .....	C. C. Copeland .....	12.23	40 00
April 7, 1880	Pocahontas mining claim .....	do .....	do .....	C. H. McCormick <i>et als</i> .....	20.66	40 00
May 27, 1880	Hayes mining claim .....	Yavapai County .....	do .....	Hayes Gold and Silver Mining Company ..	20.49	40 00
May 17, 1880	Savage mining claim .....	do .....	do .....	Nathan Ross .....	13.77	40 00
May 18, 1880	Mono mining claim .....	do .....	do .....	do .....	18.84	40 00
May 17, 1880	General Kautz mining claim .....	do .....	do .....	do .....	20.66	40 00
May 29, 1880	Cumberland mining claim .....	do .....	Gold .....	Cumberland Gold and Silver Mining Company.	20.66	40 00
April 24, 1880	Merrimac mining claim .....	Pima County .....	Silver .....	Merrimac Silver Mining Company .....	20.12	40 00
May 14, 1880	Senator mining claim .....	Yavapai County .....	Gold .....	Senator Gold Mining Company .....	20.66	40 00
May 15, 1880	Senator South Extension mining claim .....	do .....	do .....	do .....	20.66	40 00
June 4, 1880	{ 'Way Up mining claim .....	Pima County .....	Silver .....	J. E. Farish <i>et als</i> .....	19.90	40 00
June 5, 1880						
May 21, 1880	Trinity mining claim .....	Yavapai County .....	do .....	W. J. Simmons .....	20.66	40 00
May 21, 1880	Trinity Mill Site claim .....	do .....	Non-mineral .....	do .....	5.00	40 00
May 29, 1880	{ Gilded Age mining claim .....	Pima County .....	Silver .....	Edward Field <i>et al</i> .....	20.6	40 00
May 31, 1880						
June 14, 1880	California Moss mining claim .....	Mohave County .....	Gold .....	Arizona Chief Gold and Silver Mining Company	20.66	30 00



## I.—List of lands surveyed in Arizona during the fiscal year ending June 30, 1880.

Description.	Meridian.	Public lands.	River lands.	Unsurveyed lands.
Township 12 north, range 21 east.....	Gila and Salt River.	22, 982. 37	.....	.....
Township 13 north, range 21 east.....	do .....	19, 352. 68	.....	3, 687. 32
Township 16 north, range 22 east .....	do .....	21, 704. 72	.....	1, 280. 00
Township 17 north, range 20 east.....	do .....	18, 869. 57	.....	4, 170. 43
Township 17 north, range 21 east.....	do .....	23, 022. 36	.....	.....
Township 18 north, range 17 east.....	do .....	20, 923. 74	.....	2, 080. 00
Township 18 north, range 18 east.....	do .....	21, 246. 72	.....	1, 793. 28
Township 18 north, range 19 east.....	do .....	18, 680. 06	.....	4, 359. 94
Township 19 north, range 16 east.....	do .....	21, 061. 93	.....	1, 600. 00
Township 20 north, range 16 east.....	do .....	22, 966. 49	.....	.....
Township 17 north, range 9 east.....	do .....	23, 034. 61	.....	.....
Township 17 north, range 10 east.....	do .....	23, 030. 10	.....	.....
Township 19 north, range 8 east.....	do .....	22, 983. 93	.....	.....
Township 20 north, range 8 east.....	do .....	20, 268. 72	.....	2, 771. 28
Township 21 north, range 8 east.....	do .....	16, 309. 14	.....	6, 730. 86
Township 4 north, range 14 east .....	do .....	11, 829. 88	.....	11, 210. 12
Township 9 north, range 18 east.....	do .....	3, 349. 75	.....	19, 690. 25
Township 10 south, range 18 east.....	do .....	15, 673. 88	.....	7, 366. 12
Township 11 south, range 18 east.....	do .....	11, 835. 44	.....	11, 204. 56
Township 12 south, range 18 east.....	do .....	12, 798. 62	.....	10, 241. 38
Township 12 south, range 19 east.....	do .....	16, 724. 16	.....	6, 315. 84
Township 13 south, range 19 east.....	do .....	11, 519. 84	.....	11, 520. 16
Totals .....	.....	400, 168. 71	.....	106, 021. 54
PRIVATE LAND CLAIMS.		.....	.....	.....
San Rafael del Valle .....	.....	17, 360. 76	.....	.....
San Ignacio del Babacemari.....	.....	34, 722. 02	.....	.....
San Jose de Sonoita.....	.....	7, 598. 07	.....	.....
Tumacaceri and Las Calabazas .....	.....	52, 007. 95	.....	.....
San Ignacio de la Canva .....	.....	17, 208. 33	.....	.....
San Rafael de la Zanja.....	.....	17, 361. 10	.....	.....
Tombstone town site .....	.....	320. 00	.....	.....
Total .....	.....	146, 587. 23	.....	.....
Area of mining and mill-site claims surveyed during the year.....	.....	659. 16	.....	.....
Total land surveyed during fiscal year .....	.....	547, 415. 10	.....	106, 021. 54
Surveyed previous to June 30, 1879.....	.....	4, 707, 214. 32	1, 906. 89	796, 451. 49
Total land surveyed to June 30, 1880.....	.....	5, 254, 629. 42	1, 906. 89	902, 473. 03

## B.—Report of the surveyor general of California.

UNITED STATES SURVEYOR GENERAL'S OFFICE,  
San Francisco, Cal., August 10, 1880.

SIR: I have the honor to submit in duplicate the annual report of this office in relation to the surveying service in this district during the fiscal year ending June 30, 1880.

I also submit in duplicate tabular statements, as follows:

A.—Statement of contracts entered into with deputy surveyors for the survey of private land claims during the fiscal year ending June 30, 1880, and payable from the appropriation for that year. (Act of March 3, 1880.)

A 1.—Statement of contracts entered into with deputy surveyors for the survey of public lands during the fiscal year ending June 30, 1880, and payable from the appropriation for that year.

B.—Statement of contracts entered into with deputy surveyors for the survey of public lands during the fiscal year ending June 30, 1880, and payable from special deposits made in conformity with the act of March 3, 1871.

C.—Statement of surveys of mines during the fiscal year ending June 30, 1880, made in conformity with the act of Congress approved May 10, 1872.

D.—Statement of number of miles surveyed in California to June 30, 1880.

E.—List of lands surveyed in California from June 30, 1879, to June 30, 1880.

F.—Plats made in the office of the United States surveyor general for California during the fiscal year ending June 30, 1880.

G.—Statement of transcripts of field notes of public surveys sent to the department at Washington during the fiscal year ending June 30, 1880.



GG.—Statement of transcripts of field notes of the public surveys sent to the United States land offices during the fiscal year.

H.—Statement of descriptive notes, decrees of court, &c., in the matter of surveys of private land claims sent to the department during the fiscal year.

I.—Statement of special deposits for the survey of public lands in California during the fiscal year.

J.—Statement of special deposits for office work in the survey of mining claims during the fiscal year.

K.—Statement of accounts of deputy surveyors paid from the appropriation for the survey of public lands during the fiscal year.

K 1.—Statement of accounts and office expenses paid from the appropriation for the survey of private land claims and office expenses during the fiscal year.

K 2.—Statement of account of appropriation for survey of timber lands exclusively during the fiscal year.

K 3.—Statement of account of apportionment for examinations of surveys in the field during the fiscal year.

K 4.—Statement of account of appropriation for purchase of an iron safe.

L.—Statement of accounts of appropriation for stationery, pay of messenger, and incidental expenses during the fiscal year.

M.—Account of appropriation for salary of surveyor-general during the fiscal year.

N.—Account of appropriation for the compensation of clerks, and for translating, copying, and indexing the Spanish archives during the fiscal year.

O.—Statement of special individual deposits with the United States treasurer at San Francisco during the fiscal year for compensation of clerks and draughtsmen. (Public land surveys.)

O 1.—Statement of special individual deposits with the United States treasurer at San Francisco, during the fiscal year, for compensation of clerks and draughtsmen. (Mining claim surveys.)

P.—Account of special deposits for office work during the fiscal year.

Q.—Estimates for the surveying service in the district of California during the fiscal year ending June 30, 1882.

R.—List of maps, law books, &c., on file in this office June 30, 1880. List of original papers filed with the United States Board of Land Commissioners. Catalogue of original espedientes or records in relation to land claims in Upper California under the Spanish and Mexican Governments, with references to the registries of the same arranged in alphabetical order, as now on file in the Spanish archives in this office, embracing—

1st. A list of 580 complete espedientes or records of land claims presented to and acted upon by the former governments.

2d. A list of 315 incomplete espedientes or records of land claims presented to and acted upon, or left unfinished by the former governments.

3d. Cases in which documents relative to private land claims were deposited in the care of the Government of the United States by parties interested.

4th. List of names registered in book No. 1 of *Sitios, Fierros y Senales* (Localities, Iron Brands, and Earmarks).

5th. List of names registered in Record of Grants, or *Toma de Razon*, book No. 2.

6th. List of names registered in unbound book, *Toma de Razon*.

7th. List of names registered in Record of Grants, or *Toma de Razon*, book No. 1.

8th and 9th. List of cases containing unbound papers, maps, &c., mainly rough drafts of papers formally filed.

Alphabetical list of names of private land claims acted upon by former governments.

Alphabetical list of approvals of grants of lands by the departmental assembly of California, recorded in the books of sessions.

Numerical list of 580 complete espedientes in the archives.

Numerical list of 315 incomplete espedientes.

List of cases in which documents relative to private land claims have been deposited in the archives since the annexation of California by the United States.

List of grants recorded in the books of titles, Nos. 1 and 2, for which there are no corresponding espedientes, and the claims for which do not appear to have been presented to the United States Board of Land Commissioners. List of unclaimed grants (Upper and Lower California).

List of bound volumes of California Spanish archives on file in this office.

Copy of "Jimeno's Index of Land Claims acted upon by the Government of California under Mexico," and continuation of index after delivery by Jimeno.

No copy of the official map of the public surveys in this district is transmitted, for the reason that the map is so imperfect and erroneous in many particulars it is utterly unreliable. I propose to use a portion of the allowance for clerk hire for the year 1880-'81 in making a new and correct plat.

During the fiscal year ending June 30, 1880, 4,730,302 acres were surveyed, and 14,259 miles were run and marked in the field.



Three thousand nine hundred and sixty-three letters were received, and 3,523 were written.

Two thousand one hundred and eight plats were made.

Three hundred and ninety-nine transcripts of field notes of public surveys were made for filing in the General Land Office, and 480 transcripts made for the district land offices, making a total of 879 transcripts, averaging 30 pages each, or 25,390 pages in all.

The sum of \$7,681 was deposited to pay office work on surveys of mining claims, and \$18,838.92 for office work on surveys of townships.

The sum of \$152,141.78 was deposited for and on account of surveys of the public lands, and lands selected by the railroad companies.

Fifteen private land claims were surveyed. The papers on survey of 17 private land claims were transmitted to the General Land Office as bases for patent.

Notices of surveys of 21 private land claims were published under the act of July 1, 1864, and several surveys are now before the office under contest, while hearings under protests filed against others will soon be commenced.

There are several cases before the office on applications from the State surveyor general for investigations to determine the character of certain lands claimed by the State of California as swamp and overflowed lands, but not returned as such by the United States deputy surveyors.

In this connection, believing that the change can be effected by regulation of the department, I respectfully recommend that surveyors general be authorized to report findings upon questions of fact in dispute in cases before them, which findings shall be final; or that appeal from the findings be allowed upon bills of exception prepared under the same rules and in the same manner as in the courts.

It is impossible to fully explain in a report on proceedings and evidence all the minor details which tend to influence an opinion as to facts. Before the department the case is in substance tried *de novo* upon the written testimony of the witnesses. In a country so large as this it is impossible for one man, no matter how learned, to be so thoroughly conversant with the customs and climatic conditions of the places in question—which have so much to do in cases involving questions of fact—that he can decide intelligently as to the facts upon the written testimony of witnesses whom he has not seen testify—the weight and credibility of whose evidence he has had no opportunity of weighing by observation of their manner and general appearance.

I also believe that legislation should be had to throw such cases into the courts, or empower the surveyor general to compel the attendance of witnesses.

Patents for the following named private land claims are now in this office awaiting delivery to the parties entitled thereto; several have been here a number of years:

Rancho.	Confirmer.
Agua Caliente.....	T. M. Leavenworth.
Agua Caliente.....	C. P. Stone.
Boca de la Playa.....	Emiglio Vejar.
Cabeza de Santa Rosa.....	James Eldredge.
Cabeza de Santa Rosa.....	John Hendley.
Cabeza de Santa Rosa.....	Juana de Jesus Mallaqh.
Cabeza de Santa Rosa.....	Myer and Isham.
Corral de Tierra.....	Vasquez.
El Rincon.....	Bernardo Yorba.
Prospero Tract near San Gabriel.....	R. Valenzuela <i>et al.</i>
San Antonio.....	Encarnacion Mesa <i>et al.</i>
Tract of 200 varas square near Mission San Juan Capistrano.....	Santiago Rios.

The surveys of the public lands in this district are so nearly finished that it would be false economy to delay their completion by providing for only a small amount of work each year.

The early completion of the work would cut off the expenses attending the maintenance of this office, and cause the acquisition by settlers of many tracts of public land now held by a few persons under the State possessory laws. By the act of Congress granting the State of California the sixteenth and thirty-sixth sections of each township for school purposes, the State has an interest in having all the lands in the district surveyed. By the grant, the lands designated belong to the State and should be surveyed that the State may derive the benefits arising from sales, taxes, and private ownership, to which it is entitled.

Careful observation has caused me to believe that the public surveys can be most economically completed by a combination of the contract and salary systems.

For the extension of standard and meridian lines and some exterior lines of townships the salary system would be preferable as insuring greater accuracy of work,







I respectfully renew the recommendation contained in my report for 1879 as to the leasing of grazing lands. That a system of leasing would prove a source of revenue to the government is evident. I am well aware that the sale of the public lands is not looked upon so much as a source of revenue as an inducement to the settlement of the lands under the laws; but that settlement will be made for many years to come on much of the lands now held in large tracts for grazing purposes, I seriously doubt. As a safeguard, however, against any loss to the government, the leases could contain the proviso that the lands are in no sense to be considered as withdrawn from *bona fide* settlement and cultivation.

I respectfully renew my recommendation that the provisions of section 2401 of the Revised Statutes of the United States be so amended that persons who may be entitled to acquire lands under any law of the United States may have a survey made of unsurveyed lands under the conditions of said section affecting settlers. Under such an amendment large areas of timber lands would be applied for and surveyed. There is, in my opinion, no danger of the lands falling into the hands of monopolists. It is certain, however, that capital alone can develop the true wealth of our timber region. Vested in private ownership, and thereby protected from indiscriminate spoliation, the timber could be saved until the demand justified its cutting, after which, in some places, the land could be advantageously used for agricultural purposes. It would be wise legislation to provide for the reproduction of the forests by protecting young trees and planting. The timber lands differ essentially in character according to location, one portion of a section being covered with a heavy growth and the adjoining portion with but few trees. A slight modification in the system of surveys should be made. I respectfully recommend that the timber lands be surveyed into forty-acre tracts and classified according to value, with prices set upon them according to the class to which they belong.

In some portions of the district the land can never be used for agricultural purposes, on account of the short season between the melting of the snow and the winter storms. Much of the land, however, is of extraordinary richness, and on the western slope of the Sierra, where the season is long enough, is excellently adapted to the raising of fruits and vegetables of a superior quality. A few years hence the fruit trade between this State and the East will be one of its important resources, and that fruit trade will be largely supplied from these now neglected lands. Five or six years ago the fruit growers of this State were complaining bitterly that the business was not profitable, yet new orchards and new vineyards were planted every year.

The shipment of certain fruits to eastern markets, including pears and grapes, was hardly more than an experiment. Now it has become a great business, employing a large capital and furnishing freight for long lines of cars. The fruit grower found he could supply the eastern market with pears, including the Bartlett, Seckel, and some others, nearly two months in advance of supplies from the other side of the country. The advantage has been great. One fruit grower this year sells about 150 tons of a single variety of pear for shipment to Chicago. He will sell about the same number of tons of a single variety of grape for shipment, and say half that quantity of another sort. His fruit crop will bring him in not less than \$30,000. The business of exporting early fruits has now been reduced to a system. The fruit grower sells in the field for shipment, undertaking only to fill the boxes supplied to him and setting them down at the nearest depot, the shipper taking all risks. Last year one of the most prominent raisin makers in the State sold about half of his crop of grapes to a Sacramento house for shipment to Chicago, and converted the other half into raisins. He was well satisfied with the profits he made on both ventures. Several years ago there was a general complaint that fruit was a drug in the market, but no good fruit now is likely to be a drug, although in a few instances the local markets may be overstocked with such kinds as cannot be shipped, or are not wanted at the canneries. The business of drying fruits has also been developed rapidly. All the real growth in the raisin business has been made in the last seven years. Plums, prunes, and apricots, for drying, will not be likely to overstock the market. The men who planted orchards judiciously some years ago, at the time so many were saying that the fruit business was overdone, laid the foundation of small fortunes. A sanguine fruit grower, and a very successful one, predicts that ten years hence the fruit crop of California will be of more importance than the yield of gold and bullion within the same limits.

The area of the State is estimated by this office at 100,500,000 acres, divided as follows:

	Acres.
Agricultural and mineral lands surveyed to June 30, 1880 .....	53,784,416
Agricultural and mineral lands unsurveyed .....	34,281,352
Private grants patented .....	8,261,140
Private grants not settled .....	497,010
Indian and military reserves .....	318,631
Lakes, islands, bays, and navigable rivers .....	1,513,700



Swamp and overflowed lands surveyed.....	1, 610, 037
Swamp and overflowed lands unsurveyed.....	110, 714
Salt marsh and tide land around San Francisco Bay.....	100, 000
Salt marsh and tide land around Humboldt Bay.....	5, 000

Many of the private land claims which take up so large an area of the best agricultural land in the State have been cut up into small farms, and the parceling of others has been seriously contemplated by the owners.

It is a difficult matter to determine how much of the mountain land of the district is worthless now that the wine and fruit growing interests have received such an impetus. Lands are now valuable which a few years ago were considered as of no earthly use.

California, though very little smaller than France, has a population of less than 1,000,000, against 36,000,000 for France. As compared with that of France, fully as much, if not more, of the land in California is adapted to grape culture, while the production per acre is about double. There are thousands of acres in this State not yet taken up which are the very best for vine culture. Of this class is the chaparral land in the foot-hills, which is unfit for pasturage and the growth of cereals, but when cleared and planted in vines it gives the best of results in size of crop and quality of production. The ravages of the phylloxera and unfavorable climatic conditions in France, resulting in a considerable decrease in her wine product, are causing an increased demand for California wines, which, as they become better known, grow in popularity.

The great mistake made by the early California wine makers was in manufacturing their wines from the native grape. The main objection to the California wines of to-day has been lack of age. But few of the parties engaged in wine making a few years ago had sufficient capital to enable them to store their wines until in a proper condition for the market. They were forced to sell, sometimes at a loss. Consumers who did not consider the circumstances under which the wines were sold, pronounced judgment against them as comparing unfavorably with the older imported wines. Others would not use the wines for the reason that they were not foreign products. It has been conclusively shown that while a large proportion of the wine product of France is unfit for shipment and will not keep over a year, California wine will stand shipment and be improved by it; that while French wines contain as low as 8 or 9 per cent. of alcohol, it is hard to find California wines with less than 11 per cent., the average being  $12\frac{1}{2}$  per cent. This large proportion of alcohol of course makes the new wine appear harsh, but age improves the wine and mellows it, although it does not eliminate the alcohol.

The unjust prejudices against California wines are rapidly losing ground. The result is seen in the large exportations, the increased home consumption, and the steady increase in the vine acreage. The vineyards are rapidly extending back on the hills. Nearly 1,000,000 vines were planted in Napa County alone this year, a large proportion being planted on the hillsides. I have not the exact figures at hand, but feel safe in saying that over 10,000,000 new vines were planted in this State between the first of January and the last of March of this year. It is estimated that the wine product for the year 1880 will be over 12,000,000 gallons.

A large increase in the area of the raisin grape culture has been made in the Sacramento and San Joaquin valleys. The raisin grape vineyard is irrigated, and with plenty of water the grape grower is sure of a large crop. So far, the production of raisins has hardly been in excess of local consumption.

California is now the only prominent wine State in the Union. With her wine product commanding, as it does, good commercial recognition, the wine growers need not be troubled as to what they shall do with their crops.

In the matter of settlement I know there is the drawback of not knowing where to look for desirable lands, or lands not already claimed. Few would-be settlers can bear the expense attending the search, having but enough, under most careful management, to build a cabin and plant their first crop. Colonies formed for the purpose of settling in this State could send an agent to make all necessary inquiries and prepare the way for them; thus, by distribution, doing away with expenses which would fall heavily on one or two persons. Many of the idle in this city could thus secure lands if they so desired.

Portions of the public lands in many townships in this district have been suspended pending the settlement of the boundaries of the private land claims in their vicinity. No record of these suspensions was kept, except in so far as a pencil note upon the township plat to the effect that the lands were suspended could be called a record. To a certain extent the letter-press record shows the suspensions and releases, but the labor of searching through the volumes is great. Under instructions from your office a partial list of the public lands suspended on account of foreign land grants was made. The current work of the office was so great, however, and the searching so



necessarily slow, that the work was abandoned, for the time being, and only a partial list forwarded. I have had the work taken up from time to time, but pressing current business has made its steady prosecution impracticable. To properly bring up the records in this respect would require the examination of nearly all the township plats in the office, and, for the reason that many of the notes upon the maps are without date, an equally careful examination of the letter-press record. To facilitate the work, I addressed letters to the registers of the several land offices, asking for statements from their records as to suspensions ordered by this office. I was surprised to learn that their records were as imperfect as those of this office, and that only imperfect lists could be furnished. From time to time letters are received asking for the removal of the suspension upon portions of certain townships, but in many cases persons apply at the local land office relative to a certain tract, find it suspended from sale, and without inquiry as to the cause of suspension, or whether that cause has been removed, seek elsewhere for lands for settlement. Often where the patenting of a private land claim necessitated the amendment of the plats of adjoining public lands, immediate action was not taken, and the amendment was laid over for the time, and at last forgotten under the system then in vogue of keeping the records of this office. Suspensions on account of foreign land grants or claims under the swamp land grant are now registered in a book kept for that purpose, and I propose at the earliest practicable moment to bring up the entries of *all suspensions* as nearly as can be ascertained.

As there are missing from the files of this office the letter-press records of miscellaneous letters from June, 1870, to February, 1871; January, 1872, to August, 1872; January, 1873, to July, 1873, and October, 1875, to August, 1876, and as much of the letter-press is nearly or quite illegible, the work of preparing a correct record is rendered doubly difficult.

There were 120 surveys of mining claims made during the fiscal year.

I desire to call attention, with a view to a change in the system, to the practice of enforcing upon individual claimants the cost of establishing mineral monuments. I believe that the work of establishing the monuments should be intrusted to a deputy surveyor under especial instructions from this office, and the expenses attending the work be paid by the United States. As the monuments are important guides to the location of the mines, they should be established and constructed with great care, and not in the far too flimsy manner which is bound to prevail where the cost falls upon an individual. It is not just that one person should pay for the monument and others share in the use of it in locating their claims afterward. The cost, while trifling to the United States, is considerable to the mine owner, who, probably, can ill bear the expenses attending survey and application for patent.

A species of blackmailing has prevailed to a certain extent under the provisions contained in section 7 of the mining act of May 10, 1872, relative to adverse claims, or more particularly under regulation 49 of Mining Laws and Regulations (Copp's U. S. Mining Decisions, page 285), which permits the United States deputy mineral surveyor to survey an adverse claim and certify to the correctness of the plat, to be filed by the adverse claimant. No matter if the record of location was vague and indefinite, it was enough for the purposes of the adverse claimant if he could secure an adverse survey, file his plat in the land office, and through the threatened delay in proceedings receive a bonus from the parties claimed to be adverse to him.

In one instance a piece of mining property was on the eve of being bonded while application for patent was pending. An adverse claim was filed, and the owners, rather than submit to the delay of proceedings attending the adjudication of the case, paid the adverse claimant the sum of five thousand dollars to withdraw his claim.

Believing that the United States deputy mineral surveyors for this district are under the control of this office, and have no authority to act officially except upon direct instructions from the surveyor general, and believing, also, that the provisions of the instructions of November 20, 1873, respecting locations, are applicable as well to locations and surveys of adverse claims as to claims for which patent is sought, I instructed my deputies to make no surveys as United States deputy mineral surveyors unless so ordered by this office. It having been represented to me that such a rule would in many instances work as a hardship to *bona fide* adverse claimants by preventing the filing of their maps in the time allowed by law, especially where the claims were located in remote localities, I modified the rule and issued a circular, as follows:

- "UNITED STATES SURVEYOR GENERAL'S OFFICE,  
"San Francisco, Cal., January 6, 1880.

“To UNITED STATES DEPUTY MINERAL SURVEYORS:

“It having been represented to this office that the rule contained in my circular of December 4, 1879, to the effect that United States deputy mineral surveyors can perform in that capacity only such work as may be assigned them by this office, will in



many instances operate as a hardship to adverse claimants, the said rule is hereby modified as follows:

"When an adverse claimant desires a survey of his adverse claim, he must present to some United States deputy mineral surveyor an affidavit substantially in the form herewith inclosed, together with a record of his adverse claim or location.

"The provisions of the special instructions dated November 22, 1879, respecting locations, are applicable as well to surveys of adverse claims as to claims which are sought to be patented. An adverse claim too indefinitely located to entitle it to a survey for patent is not entitled to a survey as an adverse claim.

"The deputy, after making the survey of the adverse claim, will return said survey with the affidavit, diagram, record of location, or, in the absence of a record, secondary evidence of the location to this office, *in duplicate*, for examination and approval. One copy will be retained in this office and the other copy, if approved, will be sent to the adverse claimant to be filed with his protest in the United States Land Office.

"THEO. WAGNER,  
"United States Surveyor General."

The following is the form of application required from the adverse claimant:

*Application for survey of an adverse claim.*

\_\_\_\_\_, being duly sworn, says, that he is a citizen of the United States, over the age of 21 years (or has declared his intention to become a citizen of the United States); that on the \_\_\_\_ day of \_\_\_\_, A. D. 18—, \_\_\_\_\_ located a certain mining claim known as the \_\_\_\_\_ mine, and situated upon \_\_\_\_\_ surveyed lands of the United States; that said locator was a citizen of the United States (or had declared his intention to become a citizen of the United States) at the time he made said location; that said claim was located after the discovery of a vein or lode within the limits thereof; that said location was so distinctly marked upon the ground that its boundaries can be readily traced; that the record of said location contains the name of the locator, the date of the location, and such a description thereof as will identify the claim; that said \_\_\_\_\_ is now in possession of said mine, and that a portion of the ground included within the boundaries and forming a part of said mine as located by said \_\_\_\_\_, is included in the official survey of the \_\_\_\_\_ mine, claimed by \_\_\_\_\_, now being published under the provisions of chapter six, title thirty-two, of the Revised Statutes of the United States.

Subscribed and sworn to before me this \_\_\_\_ day of \_\_\_\_, A. D. 18—.

\_\_\_\_\_,  
*United States deputy mineral surveyor:*

SIR: I, \_\_\_\_\_, claimant of the \_\_\_\_\_ mine mentioned in the foregoing affidavit, do hereby apply to you for a survey of said location and a diagram showing the conflict between said location and the official survey of the \_\_\_\_\_ mine referred to in said affidavit.

\_\_\_\_\_,  
*Claimant.*

Since the adoption of this rule, it has been found that many of the so-called adverse surveys were based upon no foundation whatever; that the records of location were so indefinite that the claims could be swung around to any point of the compass and made to overlap any claim coming within several hundred feet of the center of its "lode line," the direction of the lode line being determined by the location of the mine to which it was "adverse." The deputy making the adverse survey files his survey in this office in duplicate. It is carefully examined, and, if found correct and based on a sufficiently definite location, is sent to the claimant; the duplicate is retained in this office for filing with the papers in the case of the claim to which it is adverse. Heretofore no record of adverse surveys has been kept in this office, although the necessity of such a record is manifest. The rule has shown itself to be an excellent one.

Section 7 of the act of May 10, 1872, provides that "it shall be the duty of the adverse claimant, within thirty days after filing his claim, to commence proceedings in a court of competent jurisdiction, to determine the question of the right of possession, and prosecute the same with reasonable diligence to final judgment, and a failure to do so will be a waiver of his adverse claim. After such judgment shall have been rendered, the party entitled to the possession of the claim, or any portion thereof, may, without giving further notice, file a certified copy of the judgment-roll with the register of the land office, together with the certificate of the surveyor general that the requisite amount of labor has been expended, or improvements made thereon, and the description required in other cases," &c.



The requirements that the application must be accompanied by the certificate of the surveyor general as to amount of labor performed, and the description required in other cases, and in fact all the provisions of the act of May 10, 1872, relating to adverse surveys, point to the supervision of the surveyor general over adverse as well as other surveys.

The lists of patented mining claims now reported to this office are a material aid in preventing the extension of surveys over patented property. It would be well if a list of all the patented mining claims in this district were on file in this office.

I respectfully recommend that section 2320 of the Revised Statutes be amended to read: "The end lines of each claim shall be parallel to each other, unless where the line of an Indian reservation, or of tracts of land heretofore surveyed or patented, or the course of navigable rivers may render this impracticable; and in that case this rule must be departed from no further than such particular circumstances require." Such an amendment will permit claims to join other claims at the ends without the leaving out of the triangular pieces, now rendered necessary by the requirements of the section, and will permit the taking up of lands for which the government now receives no payment, as the tracts cut off by the requirement that the end lines must, in all cases, be parallel to each other are too small to take up under a separate location and preserve the form required.

United States deputy mineral surveyors have been required to accompany their returns of surveys with duplicate specimens of the ore, under the instructions of January 14, 1867. The specimens were carefully labeled, upon their receipt, but owing to the lack of a suitable place for keeping them they were, after removal of the office to its present quarters, stored in the cellar. Through dampness and lack of care many of the labels were so defaced that they were illegible. To preserve the specimens which could be identified and such as might be received with new surveys, I had a mineral cabinet made. This cabinet is placed in one of the halls of the building, and is a useful, as well as ornamental, addition to the office property.

Under the appropriation of \$9,000 for "translating, copying, and indexing original Spanish archives," the work provided for has been done as rapidly as possible. Many of the documents are in such a defaced and damaged condition that much labor is involved in deciphering their contents, particularly as literal transcripts are required. A misconception of the spirit of the meaning might lead to serious consequences. The translations of many of the papers on file in the United States Land Commission are so full of errors that but little reliance can be placed upon them. Parties in interest frequently ignore them and have new translations made, for private purposes and for use in court. The transcripts of the original papers have been made in books of 660 pages each, and the translations written in similar books. In each case now being copied and translated, whether granted or rejected by former governments, the detailed objects, reasons, and circumstances under which the application for the lands was made are shown, forming, as it were, a complete history of each case. Whenever a concession appears to have been made and registered in the proper books, hardly any doubt as to the genuineness of the adjudication can arise.

The importance of the work cannot be overestimated, as the title to some of the most valuable lands in this State rests upon these old Spanish grants and records. Claims against the United States, based upon these records, are continually being asserted, and bills for reopening the cases are kept before Congress, rendering the perpetuating evidence of the records of vital importance. As patent only relinquishes the title of the United States, the papers are of the utmost value to claimants. Much of the time of the person employed as translator has been taken up in searching for documents in the Spanish archives and papers in the United States Land Commission, on application of parties in interest. When certified copies of any papers are called for, one of the clerks in the archives is directed to make them, and only the actual time employed in doing the work is charged for. The amount collected is paid to the clerk, and a corresponding reduction made in his salary account.

By circular-letter of May 3, 1858, your office directed as follows:

"GENERAL LAND OFFICE, May 3, 1858.

"SIR: In the instructions dated 13th August, 1851, from this office to one of your predecessors, respecting the old Spanish and Mexican land archives, the rule was affirmed that they are 'never to be examined or copied by any one not connected with the public service, or who would have the least interest in making an improper use of them'; and they were *then* and *in that view* held to be in the 'special charge' of the surveyor general.

"Information has recently reached the department which renders it necessary to draw your attention to those instructions, and that it be ordered as follows:

"1st. That the surveyor general of California shall not suffer the books, papers, and writings constituting the Mexican and Spanish archives in his office to be handled or touched by any person but the keeper of the archives or the clerks in the archive office.



“2d. That no extraets or copies shall be allowed from any original paper or doeument on file, unless the applicant shall first file with the surveyor general an affidavit showing satisfactorily his *interest* in the premises, and the necessity for the eopy.

“3d. That when inspection is desired of any writing, book, paper, doeument, espe-diente, or instrument among the arehives, it shall, where the surveyor general is sat-ified the applicant has an interest in the matter, be exhibited by the keeper of the archives, who shall not suffer the same to be handled by any one but himself.

“4th. That no person shall be permitted, without the order of the department, to make any seareh or examination of the arehives, but the keeper of the arehives shall make any search or examination that may be required by any person who shall satisfy the surveyor general that he has an interest in the matter.

“Very respectfully, your obedient servant,  
“THOMAS A. HENDRICKS,  
“Commissioner.

“J. W. MANDEVILLE, Esq.,  
“Surveyor General, San Francisco, Cal.”

Copies of the eircular were made by me to be furnished applicants for papers from the archives. While all admitted the desirability of taking the best of eare of the old Spanish records, objections were freely made to the enforceement of the rules at this late day, the utmost latitude appearing to have been allowed previous to my re-vival of the order. The trouble to which the applicant must submit is but slight, how-ever, and the good effects of the regulation are so evident I have felt no disposition to relax the rule. It had been a eommon praetice with a number of persons to visit the arehive room several times a week, call for maps and papers, and by their ques-tions and general eonversation seriously annoy the clerks. Since a show of interest in the cases called for has been required, their visits have ceased.

DEPUTY SURVEYORS.

The following is a list of the deputy surveyors appointed since my last report:

Deputy.	Address.
E. E. Tucker .....	Stockton, San Joaquin County.
George S. Collins .....	Santa Barbara, Santa Barbara County.
S. W. Brunt .....	Elk Creek, Colusa County.
C. D. Davis .....	Fresno, Fresno County.
A. P. Hanson .....	Igo, Shasta County.
Albert Vaudet Naillen, jr .....	Oakland, Alameda County.

The following have been commissioned as United States deputy mineral surveyors:

Depnty.	Address.
John Gilcrest .....	Oakland, Alameda Connty.
H. F. Terry .....	Mokelumne Hill, Calaveras County.
J. G. Thompson .....	Bridgeport, Mono County.
William Crapo .....	Cerro Gordo, Inyo County.
L. B. Healy .....	Oakland, Alameda County.
J. G. Manning .....	San Francisco.
W. H. Rice .....	Santa Cruz, Santa Cruz County.
Henry S. Lowden .....	Weaverville, Trinity County.
John E. Mason .....	San Francisco.
W. J. Lewis .....	Do.
Charles C. Rueger .....	Bodie, Mono County.
Charles Kaufman .....	San Francisco.
E. C. Prother .....	Bodie, Mono County.
H. B. Carpenter .....	Oakland, Alameda County.
James R. Glover .....	San Francisco.
John La Croze .....	Trinity Center, Trinity County.
F. P. McCray .....	Hollister, San Benito County.

Very respectfully, your obedient servant,  
THEO. WAGNER,  
United States Surveyor General for California.



A.—Statement of contracts entered into by the United States surveyor general for California with deputy surveyors, for the survey of private land claims, during the fiscal year ending June 30, 1880, and payable out of the appropriation for that year.

Name of deputy.	Date of contract.	Location of field work.	Meridian.	Amount of contract.	Returned amount.	Remarks.
A. E. Gans .....	July 7, 1879	No. 91.—Survey of the portions of the tract called the Napa Rancho, which were confirmed to John E. Brown, Johnson Horrel, and J. R. McCombs, respectively.	.....	\$250 00	\$810 04	Affidavit and vouchers transmitted with account as per letter of October 20, 1879.
A. T. Herrmann .....	Aug. 12, 1879	No. 105.—Resurvey certain lines of the pueblo of San José, confirmed to the mayor and common council of the city of San José, and subdivide the adjoining public lands, closing the lines of the public surveys upon the boundaries of the said pueblo.	.....	250 00	334 65	A portion of this contract being payable from deposits, it has been entered upon the deposit book also.
Frank Reade.....	Feb. 14, 1880	No. 154.—Survey the portions of the Rancho de Napa which were finally confirmed to Hannah McCombs, Benjamin McCombs, John Love, H. G. Langley, William Keely, A. Paxley, A. A. Ritchie, and Hart & McGarry, respectively, and those portions of the Rancho Entre Napa which were finally confirmed to John Patchett and Jos. Mount <i>et als</i> .	.....	750 00	24 72 24 32 23 13 53 51 102 10 30 41 50 73 39 06	Confirmed to William Keely. Confirmed to John Love. Confirmed to John Patchett. Confirmed to Hart & McGarry. Confirmed to H. G. Langley. Confirmed to Hannah McCombs. Confirmed to Archibald A. Ritchie. Confirmed to Benjamin McCombs.
A. W. von Schmidt ....	June 7, 1880	No. 177.—Survey the private land claim known as the Potrero de la Mission Viejo de San Gabriel, finally confirmed to Antonio Valenzuela and Juan Alvitre, and amend the survey of the private land claim known as the Rancho los Nogales, finally confirmed to Marcia de Jesus Garcia <i>et als</i> ., made by Henry Hancock, D. S., in November, 1858, as directed by the decree of the United States, 9th judicial circuit, district of California, dated September 23, 1871.	.....	500 00	.....	
J. R. Glover.....	Apr. 23, 1879	No. 77.—Extend the third standard parallel south, east along the north boundaries of township 13 south, ranges 25, 26, 27, 28, 29, 30, 31, 32, and 33 east, and subdivide the lands coming within instructions and desirable for settlement contiguous or near said standard line, to the extent of five thousand dollars, it being impracticable to particularly designate the townships suitable for location.	Mount Diablo...	5,000 00	4,632 03	Plats and field notes transmitted August 25, 1879.
W. F. Benson.....	Apr. 23, 1879	No. 78.—Run all lines necessary to complete the survey of township 38 north, range 3 east; townships 39, 40, 41 and 42 north, ranges 2, 3, and 4 east; townships 46, 47, and 48 north, ranges 3 and 4 west.	.....do .....	5,000 00	7,717 36	Plats and field notes transmitted September 15, 1879.



## A.—Statement of contracts entered into by the United States surveyor general for California, &amp;c.—Continued.

Name of deputy.	Date of contract.	Location of field work	Meridian.	Amount of contract.	Returned amount.	Remarks.
G. W. Baker.....	Apr. 23, 1879	No. 79.—Run all lines necessary to complete the subdivision of townships 43, 44, and 45 north, ranges 2, 3, 4, and 5 east, township 46 north, ranges 2, 3, 4, and 5 east.	Mount Diablo...	\$5,000 00	\$5,963 11	Plats and field notes transmitted September 26, 1879.
Milton Santee.....	Apr. 24, 1879	No. 80.—Survey township 27 north, range 13 east; townships 27, 32, 33, 35, and 36 north, range 14 east; townships 26, 29, 32, and 33 north, range 15 east; townships 24, 25, 26, 32, 33, 34, and 36 north, range 16 east; townships 28, 29, and 30 north, range 17 east.	.....do .....	3,000 00	3,830 78	Plats and field notes transmitted September 12, 1879.
William Minto.....	Apr. 24, 1879	No. 81.—Complete the survey of township 45 north, range 14 east; townships 37, 38, 47, and 48 north, range 16 east; townships 44, 45, 46, 47, and 48 north, range 17 east; townships 39 and 41 north, range 1 west; townships 39 and 41 north, range 2 west; townships 38 and 39 north, range 3 west; * townships 36, 37, 38, 39, and 40 north, range 4 west; † townships 41 and 42 north, range 4 west; ‡ townships 40 and 41 north, range 5 west.	.....do .....	5,000 00	* 1,033 03 † 2,879 15 ‡ 1,860 21 5,772 39	Plats and field notes transmitted September 22, 1879. Plats and field notes transmitted October 23, 1879. Plats and field notes transmitted December 13, 1879.
A. A. Smith.....	Apr. 24, 1879	No. 85.—Complete the survey of township 36 north, ranges 6, 7, 11, and 12 east; township 37 north, ranges 6 and 12 east; township 38 north, range 13 east; township 39 north, ranges 11 and 15 east; township 40 north, ranges 14 and 15 east.	.....do .....	3,000 00	.....	
J. M. Anderson.....	May 17, 1879	No. 86.—Complete the subdivision of township 6 north, ranges 18, 19, and 20 east; township 7 north, ranges 19 and 20 east; township 8 north, ranges 19 and 20 east; township 9 north, range 19 east.	.....do .....	2,500 00	1,732 85	Plats and field notes transmitted January 21, 1880.
P. Y. Baker.....	May 24, 1879	No. 88.—Extension of the fourth standard south, between ranges 29, 30, 31, 32, and 33 east.	.....do .....	500 00	377 51	Plats and field notes transmitted January 8, 1880.
A. B. Beauvais.....	June 24, 1879	No. 90.—Survey the exterior lines of township 1 south, range 18, 19, and 20 east; township 2 south, range 19, 20, and 21 east.	.....do .....	600 00	784 30	Plats and field notes transmitted January 16, 1880. The account transmitted amounted to \$1,208.04. This, exceeding the appropriation draft for \$784.30, was sent to the deputy. Balance, \$423.74.
A. W. von Schmidt....	Mar. 12, 1880	No. 156.—Survey without marking the exterior lines of the rejected private land claim known as the Manual Diaz grant, being case numbered 311 on the docket of the United States board of land commissioners for ascertaining and settling the private land claims in the State of California.	.....	500 00	.....	



B.—Statement of contracts entered into by the United States surveyor general for California with deputy surveyors, for the survey of public lands, during the fiscal year ending June 30, 1880, and payable from special deposits made in conformity with the act of March 3, 1871.

Name of deputy.	Date of contract.	Location of field work.	Meridian.	Amount of contract.	Returned amount.	Name of depositor.	Remarks.
L. D. Bond .....	July 1, 1879	No. 92.—Survey township 1 south, range 31 east.	Mount Diablo.	\$645 00	\$765 00	Daniel Kelty .....	Plat and field notes transmitted on December 15, 1879; account closed.
Do .....	July 1, 1879	No. 93.—Survey township 2 south, range 31 east.	....do .....	740 00	766 17	P. W. Bennett <i>et als.</i> , E. D. Miner.	Do.
Do .....	July 1, 1879	No. 94.—Survey township 2 south, range 30 east.	....do .....	740 00	753 76	August Mack, John G. Jones, E. D. Fargo, J. P. Robinson.	Plat and field notes transmitted December 29, 1879; account closed; account adjusted, \$740; for balance, deputy referred to parties interested.
Do .....	July 1, 1879	No. 95.—Survey township 1 south, range 32 east.	....do .....	740 00	255 84	J. C. Mitchell .....	Plat and field notes transmitted December 30, 1879.
J. R. Glover .....	Aug. 7, 1879	No. 96.—Complete the subdivision of township 25 south, range 8 east.	....do .....	180 00	951 74	P. M. Donagh, Samuel Harris.	Two plats and field notes transmitted December 19, 1879; account closed.
Do .....	Aug. 7, 1879	No. 97.—Complete the subdivision of township 24 south, range 9 east.	....do .....	170 00	229 87	John Von Kelsdenk, Henry Lang.	One plat and field notes transmitted December 12, 1879; account closed.
G. W. Baker .....	Aug. 9, 1879	No. 98.—Complete the subdivision of township 36 north, range 2 east.	....do .....	540 00	549 52	James Russell, Leonard Kirk.	Two plats and field notes transmitted December 16, 1879; account closed.
Do .....	Aug. 9, 1879	No. 99.—Complete the subdivision of township 35 north, range 2 east.	....do .....	350 00	507 44	Leon Kirk, J. W. Fitzpatrick.	One plat and field notes transmitted December 16, 1879; account closed.
S. A. Hanson .....	Aug. 9, 1879	No. 100.—Complete the subdivision of township 3 south, range 30 east.	....do .....	525 00	909 18	H. R. Richie, Thomas Donahue.	One plat and field notes transmitted October 20, 1879; account closed.
Do .....	Aug. 9, 1879	No. 101.—Complete the subdivision of township 1 south, range 29 east.	....do .....	875 00	1,139 34	W. A. Stirling, C. A. Fargo, E. L. Fargo.	One plat and field notes transmitted October 7, 1879; account closed.
J. R. Glover .....	Aug. 9, 1879	No. 102.—Complete the subdivision of township 24 south, range 8 east.	....do .....	730 00	1,298 94	John Ward, R. B. Stephens, J. Webb Keinar, P. McDonagh, Thomas J. Fulton, Samuel Harris.	One plat and field notes transmitted December 9, 1879; account closed.
James E. Woods .....	June 30, 1879	No. 104.—Run all lines necessary to survey fractional township 11 north, range 15 west.	....do .....	150 00	.....	.....	



## B.—Statement of contracts entered into by the United States surveyor general for California with deputy surveyors, &amp;c.—Continued.

Name of deputy.	Date of contract.	Location of field work.	Meridian.	Amount of contract.	Returned amount.	Name of depositor.	Remarks.
A. T. Herrmann.....	Aug. 12, 1879	No. 105.—Resurvey certain lines of the pueblo of San José, confirmed to the mayor and common council of the city of San José, and subdivide the adjoining public lands, closing the lines of the public surveys upon the boundaries of the said pueblo.	.....	\$250 00	\$119 20 *(\$334.65 from appropriation.)	Thad. B. Kent, John H. Moose.	Two plats and field notes transmitted March 24, 1880. Part of this account charged appropriation.
James E. Woods.....	Aug. 1, 1879	No. 106.—Complete the subdivision of township 1 south, range 1 east; township 2 south, range 1 east; township 2 south, range 2 east; township 5 south, range 3 east.	Humboldt.....	2,800 00	3,895 46	Asa Lawrence, G. Harrington, Reuben Reed, F. M. How, George Langdon.	Five plats and field notes transmitted December 18, 1879; account closed.
S. A. Hanson.....	Aug. 9, 1879	No. 107.—Run all lines necessary to survey township 7 north, range 22 east; township 6 south, range 35 east; township 7 south, range 35 east; township 1 south, range 26 east; township 2 south, range 27 east; township 2 south, range 28 east; * township 3 south, range 26 east.	Mount Diablo	4,375 00	1,152 43 *3,869 17	Richard G. Watkins, Louis Sammann, J. L. Beebe, John Kinney, W. G. Sharpe.	Six plats and field notes transmitted December 3, 1879, account amounting to \$3,869.17. Two plats and field notes transmitted January 17, 1880, account amounting to \$1,152.43; account closed.
George Sandow.....	Sept. 9, 1879	No. 108.—Complete the survey of township 2 south, range 2 west; township 2 south, range 3 west; township 2 south, range 4 west.	San Bernardino	1,500 00	1,472 06	Beary Roberts, E. M. Van Deventer, A. M. Lawrence, C. R. G. Webb.	Three plats and field notes transmitted April 26, 1880.
Thomas Creighton...	Sept. 12, 1879	No. 109.—Complete the survey of township 21 south, range 19 east; township 21 south, range 20 east; township 21 south, range 21 east; township 21 south, range 22 east; township 21 south, range 23 east; township 22 south, range 18 east; township 22 south, range 19 east; township 22 south, range 22 east; township 22 south, range 23 east; township 23 south, range 19 east; township 23 south, range 20 east; township 23 south, range 23 east; township 23 south, range 24 east; township 24 south, range 20 east; township 24 south, range 21 east; township 24 south, ranges 22, 23, and 24 east, and segregate and subdivide the swamp and overflowed lands in said townships.	Mount Diablo.	2,500 00	.....	.....	



J. R. Glover.....	Sept. 12, 1879	No. 110.—Complete the survey of township 26 south, range 9 east; township 26 south, range 10 east; township 27 south, range 10 east; township 27 south, range 11 east.	Mount Diablo.	2, 009 00	1, 991 62	W. M. Davis, A. Clifford, J. S. Downing, C. D. Morehouse.	Five plats and field notes transmitted January 30, 1880; account closed. Deposit was made for \$2,109. Balance of \$117.38 was returned as per letter February 13, 1880.
John L. McCoy .....	Aug. 1, 1879	No. 111.—Complete the survey of township 5 south, range 4 east; township 18 north, range 8 west.	Humboldt, Mount Diablo.	1, 138 00	864 42	A. G. McCormick, Stephen Cooper, L. H. Rennick.	One plat and field notes transmitted March 5, 1880.
J. R. Glover.....	Aug. 26, 1879	No. 112.—Complete the subdivision of township 10 south, range 3 east; township 28 south, range 8 east.	Mount Diablo.	475 00	350 72	Peter Trombley, Josiah Robinson.	Two plats and field notes transmitted December 15, 1879.
Milton Santee .....	Sept. 18, 1879	No. 113.—Complete the survey of township 27 north, range 13 east; township 27 north, range 14 east; township 29 north, range 17 east; township 32 north, range 14 east; township 33 north, range 14 east.	...do .....	3, 290 00	3, 560 86	V. Clark, J. R. Blood, J. O. Ingram, John Flong.	Five plats and field notes transmitted January 29, 1880; account closed.
M. F. Reilly.....	Sept. 22, 1879	No. 114.—Complete the survey of township 44 north, range 1 west; township 45 north, range 1 west; township 48 north, range 1 west; township 44 north, range 1 east; township 45 north, range 1 east; township 46 north, range 1 east.	....do .....	3, 000 00	5, 861 02	Chas. B. Boyes, Julius Reimer, D. R. McKilligan, J. Henry, A. Entzman, C. D. Turner.	Seven plats and field notes transmitted January 10, 1880; account closed.
John L. McCoy .....	Oct. 6, 1879	No. 115.—Complete the survey of township 21 north, range 9 west; township 21 north, range 10 west; township 21 north, range 11 west; township 22 north, range 9 west; township 22 north, range 10 west; township 22 north, range 11 west.	....do .....	2, 800 00	3, 938 99	John Cox, John Boynton, William Kyme, John Henry.	Five plats and field notes transmitted December 27, 1879.
S. A. Hanson.....	Oct. 7, 1879	No. 116.—Complete the survey of township 3 south, range 31 east; township 3 south, range 32 east; township 4 south, range 32 east.	....do .....	1, 862 00	1, 881 21	J. H. Taylor, D. G. Corbitt, William A. Sterling.	Three plats and field notes transmitted January 16, 1880; account closed.
D. F. Spurr .....	Aug. 30, 1879	No. 117.—Complete the subdivision of township 11 north, range 11 west.	....do .....	75 00	79 25	J. H. Neilson .....	Plat and field notes transmitted February 19, 1880; account closed.
J. R. Glover.....	Oct. 14, 1879	No. 118.—Complete the survey of township 30 south, range 13 east; township 31 south, range 10 east; township 31 south, range 11 east; township 31 south, range 12 east; township 31 south, range 13 east; township 32 south, range 13 east; township 32 south, range 14 east; township 32 south, range 15 east; township 11 north, range 33 west; township 11 north, range 34 west; township 12 north, range 33 west; township 12 north, range 34 west.	Mount Diablo, San Bernardino.	3, 000 00	.....	.....	



B.—Statement of contracts entered into by the United States surveyor general for California with deputy surveyors, &c.—Continued.

Name of deputy.	Date of contract.	Location of field work.	Meridian.	Amount of contract.	Returned amount.	Name of depositor.	Remarks.
J. R. Glover.....	Oct. 11, 1879	No. 119.—Complete the survey of township 26 south, range 8 east; township 28 south, ranges 10 and 11 east; township 28 south, range 13 east; township 29 south, ranges 11, 12, and 13 east.	Mount Diablo.	\$3, 000 00	\$1, 092 87	Alonzo Sano, V. Gillespie.	Two plats and field notes transmitted May 28, 1880.
W. H. Norway .....	Oct. 10, 1879	No. 120.—Complete the survey of township 5 north, range 12 west; township 4 north, range 13 west; township 4 north, range 14 west; township 5 north, range 13 west; township 5 north, range 14 west; township 5 north, ranges 15 and 16 west.	San Bernardino.	3, 000 00	7, 092 58	W. H. Thomas, Noah Chriseo, Santiago Reirva, W. E. Higgins, Dolores Cordoba, George W. Rush, J. E. Clark, Clemente Romero, Constant Lebran, Calimero Garmone, Anton Mallanowitz.	Seven plats and field notes transmitted March 17, 1880.
N. L. Berdan .....	Oct. 20, 1879	No. 121.—Complete the survey of townships 28 and 29 south, range 14 east; townships 30 and 31 south, range 14 east; township 28 south, range 15 east; township 29 south, range 15 east; townships 30 and 31 south, range 15 east.	Mount Diablo.	3, 000 00	.....	.....	
Milton Santee.....	Oct. 17, 1879	No. 122.—Complete the survey of township 41 north, range 15 east; township 41 north, range 16 east; township 43 north, range 15 east; township 44 north, range 14 east; township 44 north, range 15 east; township 45 north, range 14 east; township 45 north, range 15 east; township 44 north, range 17 east.	.....do .....	3, 000 00	.....	.....	
William Minto .....	Oct. 22, 1879	No. 123.—Complete the survey of township 5 south, range 1 east; township 5 south, range 2 east; township 5 south, range 3 east; township 5 south, range 4 east; township 6 south, range 1 east; township 6 south, range 2 east; township 6 south, range 3 east;* township 6 south, range 4 east.	San Bernardino.	2, 500 00	1, 626 47 *547 50	E. Bouton, F. W. Wood, W. H. Bradley, Frank A. Gibson, S. W. St. John.	Three plats and field notes transmitted March 20, 1880. One plat and field notes transmitted May 8, 1880.
L. D. Bond .....	Sept. 26, 1879	No. 124.—Complete the survey of township 4 south, range 31 east; township 5 south, range 31 east; township 5 south, range 32 east; township 7 south, range 31 east; township 7 south, range 32 east; township 8 south, range 31 east; township 8 south, range 32 east; township 9 south, range 32 east; township 9 south, range 33 east.	Mount Diablo.	3, 000 00	5, 910 93	J. E. Warner, David F. Hall, David Yandell, J. M. Custer, G. W. Norton, Frank Custer, A. Warnsley, D. McCarty, S. G. Gregg, D. Campbell, F. M. Turner.	Ten plats and field notes transmitted February 6, 1880; account closed.



W. D. Minkler .....	Oct. 18, 1879	No. 125.—Complete the survey of township 35 north, range 13 east; township 36 north, range 16 east; township 38 north, range 13 east; township 38 north, ranges 14, 15, 16, and 17 east.	....do .....	3,000 00	.....	.....	
W. H. Myrick .....	Oct. 14, 1879	No. 126.—Complete the survey of township 3 north, range 2 east; township 7 north, range 2 east; township 1 south, range 1 west; township 21 north, range 16 west; township 24 north, range 18 west.	Humboldt .... Mount Diablo	3,000 00	.....	.....	
G. W. Baker .....	Oct. 28, 1879	No. 127.—Complete the survey of township 40 north, range 12 east.	....do .....	378 00	382 66	George T. Petty .....	Plat and field notes transmitted December 30, 1879. Amount of deposit, \$378, for which draft has been sent to him.
Aug. E. Gans .....	Oct. 22, 1879	No. 128.—Complete the survey of township 10 north, range 4 west.	....do .....	168 00	.....	.....	
Do .....	Oct. 30, 1879	No. 129.—Complete the survey of township 16 north, range 1 east; township 13 north, range 3 west.	....do .....	1,416 00	.....	.....	Canceled March 12, 1880.
S. W. Brunt .....	Oct. 29, 1879	No. 130.—Complete the survey of township 28 north, range 11 west; township 28 north, range 12 west; township 29 north, range 11 west; township 29 north, range 12 west; township 30 north, range 11 west; township 30 north, range 12 west.	....do .....	3,000 00	2,191 04	E. C. Drinkwater, Thomas Williams.	Two plats and field notes transmitted March 2, 1880.
George Sandow .....	Oct. 21, 1879	No. 131.—Complete the survey of township 3 south, range 1 west; township 3 south, range 2 west; township 4 south, range 1 west; township 3 south, range 1 east; township 3 south, range 2 east; township 3 south, range 3 east; township 4 south, range 1 east; township 4 south, range 2 east; township 4 south, range 3 east; township 4 south, range 4 east.	San Bernardino	2,000 00	1,607 50	Southern Pacific Railroad Company, E. Bouton, F. W. Wood, A. A. Lawrence.	Four plats and field notes transmitted June 9, 1880.
George S. Collins ....	Oct. 21, 1879	No. 132.—Complete the survey of township 4 north, range 17 west; township 4 north, range 18 west; township 4 north, range 19 west; township 5 north, range 17 west; township 5 north, range 18 west; township 5 north, range 19 west.	....do .....	3,000 00	.....	.....	
Frank G. Ward .....	Oct. 21, 1879	No. 133.—Complete the survey of township 39 north, range 15 east; township 39 north, range 16 east; township 40 north, range 14 east; township 40 north, range 15 east; township 40 north, range 16 east.	Mount Diablo.	2,000 00	2,342 89	Benjamin Turner, A. Wilson, J. T. Riley.	Three plats and field notes transmitted May 22, 1880.



## B.—Statement of contracts entered into by the United States surveyor general for California with deputy surveyors, &amp;c.—Continued.

Name of deputy.	Date of contract.	Location of field work.	Meridian.	Amount of contract.	Returned amount.	Name of depositor.	Remarks.
Milton Santee .....	Sept. 18, 1879	No. 134.—Complete the survey of township 24 north, range 16 east; township 25 north, range 16 east.	Mount Diablo.	\$2, 000 00	.....	.....	
William Minto.....	Nov. 10, 1879	No. 135.—Survey the tract in Los Angeles County, confirmed to Michael White, being case numbered 415 on the docket of the United States Land Commission.	.....	50 00	.....	.....	Canceled. Tract No. 415 having been surveyed and patented.
G. W. Baker .....	Nov. 13, 1879	No. 136.—Complete the survey of township 16 south, range 9 east; township 16 south, range 10 east; township 16 south, range 12 east; township 16 south, range 13 east; township 16 south, range 14 east; township 23 south, range 15 east; township 23 south, range 16 east.	Mount Diablo.	3, 000 00	.....	.....	
Do.....	Nov. 14, 1879	No. 137.—Complete the survey of township 21 south, range 12 east; township 21 south, range 13 east; township 21 south, range 14 east; township 21 south, range 15 east; township 22 south, range 15 east; township 22 south, range 16 east.	....do .....	3, 000 00	.....	.....	
L. B. Gorham .....	Nov. 21, 1879	No. 138.—Complete the survey of township 23 north, range 9 west; township 23 north, range 10 west; township 24 north, range 9 west; township 24 north, range 10 west; township 25 north, range 9 west; township 25 north, range 10 west.	....do .....	3, 000 00	\$1, 924 15	John Hope, C. Bates ..	Plats and field notes of township 23 north, ranges 9 and 10 west, transmitted March 18, 1880.
W. F. Benson .....	Nov. 11, 1879	No. 139.—Complete the survey of township 18 south, range 10 east; township 18 south, range 11 east; township 18 south, range 12 east; township 18 south, range 13 east; township 18 south, range 14 east; township 18 south, range 15 east; township 19 south, ranges 10, 11, 12, 13, 14, and 15 east; township 20 south, ranges 11, 12, 13, and 15 east.	....do .....	3, 000 00	.....	.....	



Do.....	Nov. 13, 1879	No. 140.—Complete the survey of township 15 south, range 12 east; township 17 south, range 9 east; township 17 south, range 10 east; township 17 south, range 11 east; township 17 south, range 12 east; township 17 south, range 13 east; township 17 south, range 14 east.	....do .....	3,000 00			
James E. Woods .....	Nov. 19, 1879	No. 141.—Complete the survey of township 8 north, range 3 west; township 9 north, range 3 west; township 10 north, range 3 west; township 11 north, range 3 west; township 12 north, range 3 west; townships 11, 12, 13, and 14 north, range 4 west; townships 11, 12, 13, and 14 north, range 5 west; townships 13 and 14 north, range 6 west.	....do .....	3,000 00		H. A. Bristol, Robert Boyle, Thomas O. Kennedy, R. C. Anderson, Harry Schooler, Joseph Delaney, David B. Stites.	Seven plats and field notes transmitted May 27, 1880.
Milton Santee.....	Oct. 28, 1879	No. 142.—Complete the survey of township 26 north, range 15 east.	....do .....	500 00	634 77	George S. Preece.....	Plat and field notes transmitted December 12, 1879; account closed.
John L. McCoy .....	Nov. 20, 1879	No. 143.—Complete the survey of township 17 north, range 10 west; township 18 north, range 10 west; township 18 north, range 9 west; township 22 north, range 7 west; township 23 north, range 11 west; township 24 north, range 11 west; township 24 north, range 12 west; township 25 north, range 11 west; township 25 north, range 12 west.	....do .....	3,000 00			
S. W. Brunt.....	Nov. 7, 1879	No. 144.—Complete the survey of township 26 north, range 10 west; township 26 north, range 11 west; township 26 north, range 12 west; township 27 north, range 10 west; township 27 north, range 11 west; township 27 north, range 12 west; township 28 north, range 10 west; township 29 north, range 10 west; township 30 north, range 10 west.	....do .....	3,000 00			
W. H. Myriek .....	Nov. 20, 1879	No. 145.—Complete the survey of township 21 north, range 7 west; township 21 north, range 8 west; township 19 north, ranges 7, 8, 9, and 10 west; township 20 north, ranges 7, 8, 9, and 10 west.	....do .....	3,000 00	3,893 82	Parley H. Green, Warren Green, J. Rohekroft, I. Gleeson.	Seven plats and field notes transmitted March 3, 1880.
James E. Woods.....	Nov. 20, 1879	No. 146.—Complete the survey of township 15 north, ranges 6 and 7 west; township 16 north, ranges 6, 7, 8, 9, and 10 west; township 17 and 18 north, range 7 west.	....do .....	3,000 00	3,025 72	John H. H. Ellis, John F. Fonts, Jos. B. Stanton.	Three plats and field notes transmitted April 27, 1880.



Name of deputy.	Date of contract.	Location of field work.	Meridian.	Amount of contract.	Returned amount.	Name of depositor.	Remarks.
C. D. Davis .....	Dec. 5, 1879	No. 147.—Complete the survey of township 13 south, range 23 east.	Mount Diablo	\$97 00	.....	J. D. Gray, George Bordwell, T. A. Magee, Eldridge Ball, B. F. Lewis, G. E. Kentner.	Six plats and field notes transmitted January 3, 1880; account closed.
C. F. Putnam .....	Oct. 6, 1879	No. 148.—Complete the survey of townships 46, 47, and 48 north, range 2 west; township 43 north, range 2 east; township 43 north, range 3 east; township 45 north, range 2 east.	....do .....	3,000 00	\$4,368 63		
A. P. Hanson .....	Dec. 3, 1879	No. 149.—Complete the survey of township 9 south, ranges 1, 2, 3, 4, 5, 6, 7, and 8 east; township 10 south, ranges 1, 2, 3, 4, 5, 6, 7, and 8 east; township 11 south, ranges 1, 2, 3, 4, and 5 east; township 12 south, ranges 1, 2, 3, 4, 5, 6, 7, and 8 east.	San Bernardino	3,000 00	.....		
N. L. Berdan .....	Oct. 19, 1879	No. 150.—Complete the survey of township 5 south, ranges 36, 37, and 38 east; townships 6, 7, and 8 south, ranges 36, 37, 38, and 39 east; township 9 south, ranges 34, 35, 36, 37, 38, and 39 east; township 8 south, range 35 east.	Mount Diablo	5,000 00	8,784 90	L. M. Payson, James T. Ashmore, W. B. McSwiney, L. E. Wiglesworth, N. Gilbert, Samuel Chalmer, N. J. Piper, J. W. McMurphy, J. R. McNeese, Thomas Frodett, James M. Allen, Th. H. Thorp, James L. Covington.	Sixteen plats and field notes transmitted April 1, 1880. Account transmitted, \$8,712.90; increased to \$8,784.90; amount deposited, \$8,712.90; for balance of \$72 deputy referred to parties interested.
S. A. Hanson .....	Dec. 3, 1879	No. 151.—Complete the survey of township 1 north, range 25 east; township 3 north, range 25 east; township 6 north, range 25 east; township 7 north, range 24 and 25 east; township 1 south, range 15 east.	....do .....	3,000 00	3,008 17	Charles Stone, John Hardwick, Ch. G. Thompson, G. Johnson.	Five plats and field notes transmitted May 28, 1880.
A. P. Hanson .....	Dec. 2, 1879	No. 152.—Complete the survey of townships 13, 14, 15, and 16 south, ranges 5 and 6 east; townships 13, 14, 15, 16, and 17 south, ranges 7, 8, and 9 east; township 7 south, ranges 10, 11, 12, 13, and 14 east.	San Bernardino	5,000 00	.....	.....	
Milton Santee .....	Jan. 10, 1880	No. 153.—Complete the survey of township 26 north, range 12 east.	Mount Diablo.	500 00	847 05	J. C. Mahoney .....	Plat and field notes transmitted May 5, 1880.
W. F. Benson .....	Mar. 4, 1880	No. 155.—Complete the survey of township 6 north, range 6 west.	....do .....	350 00	.....	.....	
Do .....	Mar. 6, 1880	No. 157.—Compare the survey of township 5 north, range 5 west.	....do .....	80 00	.....	.....	



L. D. Bond .....	Dec. 3, 1879	No. 158.—Complete the survey of township 6 north, range 26 east; township 1 south, ranges 28 and 30 east; township 22 south, range 17 east.	....do .....	2,000 00	1,877 84	E. J. Spinaz, Frank Shaw, Thomas Murphy, C. L. Kennedy.	Five plats and field notes transmitted April 12, 1880.
W. H. Norway .....	Mar. 10, 1880	No. 159.—Survey and connect with the lines of the public surveys the tract of land in township 5 south, range 13 west, known as Mormon Island and supposed to be in northwest 74 of section 8 of said township.	San Bernardino	50 00	.....	.....	
C. F. Putnam .....	Mar. 2, 1880	No. 160.—Complete the survey of township 7 north, range 23 east.	Mount Diablo	840 00	.....	.....	This contract was disapproved April 24, 1880.
L. D. Bond .....	Jan. 26, 1880	No. 161.—Complete the survey of township 9 south, ranges 34, 35, and 36 east; township 10 south, ranges 36 and 37 east; township 11 south, range 37 east; township 12 south, ranges 37 and 39 east; township 13 south, ranges 37, 38, and 39 east; township 14 south, ranges 38 and 39 east; township 15 south, ranges 39 and 40 east.	....do .....	4,000 00	.....	Jos. E. Foster, E. C. Damon, Martin A. Jones, Frank Mairkert, Henry Karen, William Martin, L. Brown, J. Davies, Ed. Sykes.	May 11, plats and field-notes transmitted with account, \$4,806.41; June 4, plats and field-notes transmitted with account, \$1,546.98.
W. J. Lewis .....	Mar. 26, 1880	No. 162.—Complete the survey of township 8 north, range 5 west.	....do .....	50 00	155 76	James M. Morris .....	Plat and field-notes transmitted June 16, 1880.
M. W. von Schmidt ..	Mar. 11, 1880	No. 163.—Complete the survey of township 10 south, range 20 east; township 11 south, range 21 east.	... do .....	465 00	.....	.....	
George Sandow .....	Apr. 9, 1880	No. 164.—Complete the survey of township 16 north, range 1 east; township 13 north, range 3 west.	....do .....	1,416 00	.....	.....	
M. F. Reilly .....	Apr. 8, 1880	No. 165.—Complete the survey of townships 47 and 48 north, ranges 3, 4, and 5 west; townships 45 and 46 north, ranges 3 and 4 west; townships 43 and 44 north, ranges 1, 2, 3, and 4 west.	... do .....	1,800 00	.....	.....	
W. F. Benson .....	Apr. 8, 1880	No. 166.—Complete the survey of townships 44, 45, 46, and 47 north, ranges 7, 8, 9, 10, and 11 west; township 48 north, ranges 8, 9, 10, and 11 west.	....do .....	1,600 00	.....	.....	
L. B. Gorham .....	Nov. 22, 1879	No. 167.—Complete the survey of township 10 north, range 14 west; townships 17, 18, 19, and 20 north, range 11 west; townships 18 and 19 north, range 12 west; townships 18, 20, and 22 north, range 13 west; townships 19 and 20 north, range 16 west.	....do .....	3,000 00	.....	.....	
A. T. Herrmann .....	Jan. 9, 1880	No. 168.—Complete the survey of township 7 south, ranges 4, 5, and 6, east; township 8 south, ranges 7 and 8 east; township 13 south, ranges 8, 9, 10, and 11 east; township 14 south, range 9 east; township 15 south, range 8 east.	....do .....	3,000 00	.....	.....	



B.—Statement of contracts entered into by the United States surveyor general for California with deputy surveyors, &c.—Continued.

Name of deputy.	Date of contract.	Location of field work.	Meridian.	Amount of contract.	Returned amount.	Name of depositor.	Remarks.
C. F. Putnam .....	Apr. 8, 1880	No. 169.—Complete the survey of townships 42 and 43 north, ranges 6, 7, and 8 west; townships 38, 39, 40, and 41 north, ranges 5, 6, 7, 8, and 9 west.	Mount Diablo	\$2, 000 00	.....	.....	
A. W. von Schmidt...	Mar. 24, 1880	No. 170.—Re-establish the eastern boundary of the patented rancho Cosmalia, Antonio Olivera confirmee, and correct the lines of the public surveys thereon.	....do .....	160 00	.....	.....	
James Oliver .....	Apr. 13, 1880	No. 171.—Complete the survey of township 13 north, range 17 east; township 14 north, range 17 east.	....do .....	75 00	.....	.....	
C. F. Putnam ... ..	Apr. 2, 1879	No. 71.—Survey township 7 north, range 23 east.	... do .....	840 00	\$839 38	R. Watkins, Reuben Terry, W. Boardman, Jas. Z. Wiley, R. F. Trumble.	In lieu of No. 160.
William Minto.....	Apr. 6, 1880	Additional to No. 123, October 22, 1879.—Complete the survey of townships 5, 6, 7, and 8 south, range 1 west; townships 5, 6, and 8 south, range 2 west.	San Bernardino .....	.....	.....	.....	
J. R. Glover.....	Jan. 26, 1880	No. 172.—Complete the survey of township 29 south, range 16 east; townships 30, 31, and 32 south, range 17 east; township 32 south, ranges 18, 19, and 20 east. Townships 8, 9, 10, and 11 north, ranges 25, 26, 27, 28, 29, and 30 west; township 12 north, ranges 27, 28, 29, 30, 31, and 32 west; townships 9 and 10 north, range 31 west.	Mount Diablo	4, 000 00	.....	.....	
			San Bernardino				
Charles Herrmann...	Jan. 9, 1880	No. 173.—Complete the survey of township 8 south, ranges 4, 5, and 6 east; township 9 south, ranges 4, 5, and 6 east; township 11 south, range 10 east; township 12 south, ranges 9, 10, and 11 east.	Mount Diablo	3, 000 00	.....	.....	
M. F. Reilly.....	Dec. 3, 1879	No. 174.—Complete the survey of townships 19 and 20 south, ranges 6 and 7 east; township 21 south, ranges 6, 7, 8, and 9 east; township 22 south, range 8 east; township 23 south, ranges 9, 10, 12, and 13 east; township 24 south, range 10 east.	....do .....	4, 000 00	.....	.....	



S. A. Hanson.....	Jan. 26, 1880	No. 175.—Complete the survey of townships 1 and 2 north, ranges 20, 21, 22, 23, and 24 east; townships 1 and 2 south, ranges 19, 20, 21, 22, 23, and 24 east; townships 21, 22, and 23 south, ranges 38, 39, 40, 41, and 42 east.	....do .....	4, 000 00	.....	.....
A. A. Smith.....	Apr. 16, 1880	No. 176.—Complete the survey of township 36 north, ranges 6 and 7 east; township 37 north, range 7 east; township 36 north, ranges 11 and 12 east; township 37 north, range 12 east.	....do .....	3, 000 00	.....	.....
George Sandow .....	Apr. 8, 1880	Additional to No. 131, October 21, 1879.—Complete the survey of township 5 south, ranges 4 and 5 west; township 6 south, ranges 3 and 4 west.	San Bernardino	.....	.....	.....
William Minto.....	June 12, 1880	No. 178.—Complete the survey of township 12 north, range 3 east; township 20 north, range 4 east; township 21 north, range 5 east; township 22 north, range 6 east; township 25 north, range 1 west.	Mount Diablo.	1, 000 00	.....	.....



C.—Statement of surveys of mines in California during the fiscal year 1879-'80, made conformity with the act of Congress approved May 10, 1872.

Approval of survey.	Name of mine.	Location.
Sept. 8, 1879	Addenda quartz mine.....	Mono County.
Oct. 9, 1879	Allison copper mine.....	Amador County.
Mar. 5, 1879	Areo placer mine.....	Mono County.
Mar. 8, 1880	Amador Queen mine.....	Amador County.
May 1, 1880	Aramagha mine.....	Inyo County.
July 23, 1879	Bodie placer mine.....	Mono County.
Sept. 26, 1879	Bonanza No. 3 mine.....	Do.
Oct. 9, 1879	Blue Wing Consolidated placer mine.....	Placer County.
Nov. 8, 1879	Beleher quartz mine.....	Nevada County.
Dec. 20, 1879	Birdie Hyde mine.....	Mono County.
Feb. 16, 1880	Black Jack oil mine.....	Ventura County.
Feb. 25, 1880	Bonita mine and mill site.....	Tuolumne County.
Mar. 5, 1880	Bryant placer mine.....	Mono County.
Mar. 23, 1880	Brush Hill quartz mine.....	Lassen County.
Apr. 20, 1880	Big Flat gold mine.....	Del Norte County.
Apr. 21, 1880	Big Flat gravel mine.....	Do.
June 8, 1880	Bechtel Consolidated mine.....	Mono County.
July 17, 1879	Concordia mine.....	Do.
July 23, 1879	Ceres placer mine.....	Do.
Nov. 8, 1879	Crescent mine and mill site.....	Do.
Nov. 26, 1879	Crary placer mine.....	Placer County.
Jan. 5, 1880	Casmum's copper mine.....	El Dorado County.
Feb. 15, 1880	Church Hill placer mine.....	Shasta County.
Mar. 5, 1880	Capital quartz mine.....	Amador County.
Mar. 11, 1880	Chester quartz mine.....	El Dorado County.
Mar. 18, 1880	Chicago quartz mine.....	Placer County.
June 25, 1880	Cordova quartz mine.....	Tuolumne County.
Oct. 27, 1879	Don Quixote mine.....	Mono County.
Feb. 5, 1880	Deadwood or Railroad mine.....	Nevada County.
July 17, 1879	East Green Springs placer mine.....	Placer County.
Oct. 27, 1879	Enchantress gold mine.....	Calaveras County.
Mar. 3, 1880	Fall River and Dutch mine.....	Plumas County.
June 25, 1880	French Ravine quartz mine.....	Do.
Sept. 26, 1879	Governor Stanford mine.....	Mono County.
Mar. 23, 1879	Golden Eagle mine.....	Lassen County.
Apr. 13, 1880	Gold Hill quartz mine.....	Mono County.
Aug. 9, 1879	Hansen gold placer mine.....	Trinity County.
Nov. 8, 1879	Homburger quartz mine.....	Amador County.
Feb. 16, 1880	Higgins oil mine.....	Ventura County.
Mar. 23, 1880	Hope quartz mine.....	Sierra County.
May 28, 1880	Harrington Tunnel mine.....	Mono County.
June 30, 1880	Hansen gold placer mine.....	Trinity County.
Sept. 26, 1879	Inca mine.....	Mono County.
Apr. 13, 1880	Independent quartz mine.....	El Dorado County.
Jan. 20, 1880	Johnson quartz mine.....	Mono County.
Jan. 24, 1880	Julian quartz mine.....	Nevada County.
May 24, 1880	Jupiter quartz mine.....	Amador County.
Feb. 25, 1880	Keltz quartz mine and mill site.....	Tuolumne County.
May 18, 1880	Krueger quartz mine.....	Amador County.
July 8, 1879	Lowden placer mine.....	Shasta County.
July 17, 1879	Lamphear quartz mine.....	Calaveras County.
Oct. 27, 1879	Lowell Hill placer mine.....	Nevada County.
Oct. 27, 1879	Loop mine.....	Tulare County.
Feb. 16, 1880	Los Angeles oil mine.....	Ventura County.
Oct. 18, 1879	Mammoth gold quartz mine.....	Amador County.
Nov. 8, 1879	Monte Christo mine.....	Mono County.
Nov. 26, 1879	Montezuma quartz mine.....	El Dorado County.
Dec. 20, 1879	Maryland mine.....	Mono County.
Dec. 27, 1879	Montocello mine.....	Do.
Jan. 10, 1880	Mars quartz mine.....	Do.
Feb. 16, 1880	Mountain Chief oil mine.....	Ventura County.
Mar. 18, 1880	McNulty quartz mine.....	El Dorado County.
Apr. 20, 1880	Mountaineer placer mine.....	Del Norte County.
May 18, 1880	Messner placer mine.....	Siskiyou County.
June 25, 1880	Mazeppa quartz mine.....	Tuolumne County.
Sept. 8, 1879	New Idria quicksilver mine.....	Fresno County.
Sept. 9, 1879	Newtown Flat placer mine.....	Plumas County.
Jan. 5, 1880	North Noonday mine.....	Mono County.
Apr. 13, 1880	Nioma No. 1 quartz mine.....	Do.
May 7, 1880	New Enterprise mine.....	Inyo County.
Oct. 27, 1879	Orominto gold mine.....	Calaveras County.
Feb. 25, 1880	Old Hickory quartz mine.....	El Dorado County.
Mar. 18, 1880	Old Oaker quartz mine.....	Amador County.
May 1, 1880	Occident mine.....	Inyo County.
June 25, 1880	Owen & Hinckley mine.....	Siskiyou County.
July 31, 1879	Pittsburgh mine.....	Yuba County.
Oct. 9, 1879	Pilot Knob gold and silver mine.....	El Dorado County.
Dec. 4, 1879	Perseverance and Live Yankee mine.....	Nevada County.
Dec. 12, 1879	Pocahontas quartz mine.....	Amador County.
Jan. 20, 1880	Palfrey quartz mine.....	Mono County.



## C.—Statement of surveys of mines in California, &amp;c.—Continued.

Approval of survey.	Name of mine.	Location.
Feb. 16, 1880	Prospero oil mine.....	Ventura County.
Feb. 25, 1880	Peterson quartz mine.....	El Dorado County.
Mar. 5, 1880	Porter placer mine.....	Mono County.
May 7, 1880	Phoenix mine.....	Los Angeles County.
June 30, 1880	Painville quartz mine.....	San Bernardino County.
Jan. 10, 1880	Russian quartz mine.....	Mono County.
Feb. 25, 1880	Red Jacket quartz mine.....	Do.
Mar. 27, 1880	Rainbow placer mine.....	Nevada County.
June 3, 1880	Rio Vista quartz mine.....	San Bernardino County.
July 31, 1879	Sargent quartz mine.....	Amador County.
Aug. 9, 1879	Sterrett quartz mine.....	Placer County.
Oct. 9, 1879	Stull copper mine.....	Amador County.
Nov. 8, 1879	Silveropolis mine.....	Mono County.
Nov. 8, 1879	Sacramento gold and silver quartz mine.....	Amador County.
Nov. 15, 1879	South Spring Hill quartz mine.....	Do.
Dec. 12, 1879	South Bank quartz mine.....	Calaveras County.
Dec. 12, 1879	Santa Nita quartz mine.....	Butte County.
Mar. 15, 1880	Sailor Flat placer mine.....	Nevada County.
May 1, 1880	Spanish Peak placer mine.....	Plumas County.
May 18, 1880	Silvester & Schleischer mine.....	El Dorado County.
May 28, 1880	Snow Storm mine.....	San Bernardino County.
Sept. 18, 1879	True Blue mine.....	Mono County.
Dec. 4, 1879	Thomas gold quartz mine No. 1.....	Nevada County.
Dec. 4, 1879	Thomas gold quartz mine No. 2.....	Do.
Dec. 12, 1879	Tandem copper mine and mill site.....	Mariposa County.
Feb. 25, 1880	Tri Mountain mine and mill site.....	Amador County.
May 1, 1880	Tioga Consolidated mines.....	Mono County.
May 1, 1880	Tribute quartz mine.....	Nevada County.
July 23, 1879	Uranus placer mine.....	Mono County.
Feb. 9, 1880	Union placer mine.....	Plumas County.
Dec. 27, 1879	Victoria mine.....	Amador County.
Jan. 15, 1880	Vanderbilt mine and mill site.....	Calaveras County.
Oct. 9, 1879	Western Extension Pilot Knob mine.....	El Dorado County.
Dec. 20, 1879	West Maryland mine.....	Mono County.
Mar. 3, 1880	White Chief Side mine.....	Tulare County.
Apr. 13, 1880	Wasatch quartz mine.....	Mono County.
May 7, 1880	Washington quartz mine.....	Nevada County.



D.—Statement of number of miles surveyed in California during the fiscal year 1879-'80.

Name of surveyor.	Date of contract.	Meridian.	Base.	Standard.	Township.	Section.	Meander.	Traverse.	Connecting
		<i>Ms. chs. lks.</i>	<i>Ms. chs. lks.</i>	<i>Ms. chs. lks.</i>	<i>Ms. chs. lks.</i>	<i>Ms. chs. lks.</i>	<i>Ms. chs. lks.</i>	<i>Ms. chs. lks.</i>	<i>Ms. chs. lks.</i>
Miles surveyed to June 30, 1879, as per last report.		825 02 62	404 61 23	5,559 00 27	32,540 70 64	135,458 50 78	2,599 56 75	27 04 75	67 10 84
C. F. Putnam	July 23, 1878			6 46 78	47 09 62	253 36 76	6 22 44		1 31 61
William Minto	July 26, 1878						18 48 32		
Do	July 26, 1878						11 48 55		
L. D. Bond	July 23, 1878					52 00 06			1 65 44
Do	July 23, 1878		5 06 96		62 15 55	255 78 63	6 47 29		11 59 46
George Wright	May 22, 1879					5 27 07			
J. R. Glover	Apr. 23, 1879			10 00 00	48 10 41	379 51 05			0 24 46
D. D. Brown	Dec. 26, 1878				5 14 10	58 09 40			
T. J. Dewoody	Nov. 12, 1877					2 00 00			
M. L. Wheeler	July 24, 1878			3 00 00	8 66 60	219 26 75	13 34 93		
Milton Santee	Apr. 24, 1879				46 57 85	340 69 49			4 18 96
W. F. Benson	Apr. 23, 1879			18 00 00	129 38 36	561 40 90			0 37 19
S. A. Hanson	Aug. 15, 1877				38 08 45	168 44 38			
A. G. Buxton	Dec. 6, 1877			42 10	12 01 79	2 29 50	7 73 49		
G. W. Baker	Feb. 1, 1879				13 06 26	205 26 60			3 73 01
William Minto	Apr. 24, 1879				18 63 10	69 72 91	4 58 03		
M. G. Wheeler	Oct. 2, 1878				4 00 00	32 20 98	1 23 03		
G. W. Baker	Apr. 23, 1879			4 72 75	99 52 84	426 26 91	13 30 30		1 70 57
L. D. Chillson	Oct. 15, 1878				1 00 00	2 00 62			0 24 70
L. B. Gorham	Mar. 25, 1879				12 50 26	51 11 61			1 30 53
S. A. Hanson	Aug. 9, 1879		6 25 46		11 73 44	59 67 42			
Charles Herrmann	Sept. 23, 1878				5 79 90	11 79 48			
Do	Sept. 23, 1878				1 00 00	14 00 14			
N. L. Berdan	July 23, 1878				53 27 60	395 26 81			5 78 61
August E. Gano	July 7, 1879						7 39 19		
S. A. Hanson	Aug. 9, 1879				4 76 85	59 21 78			
A. T. Herrman	July 25, 1878				16 62 01	79 50 35	9 09 91		
William Minto	Apr. 24, 1879			3 68 07	37 11 78	205 33 52	13 50 71		4 15 39
F. P. Woodward	Apr. 18, 1879					3 47 94			
W. H. Carlton	Sept. 16, 1878				10 72 26	80 25 32			0 76 77
Alex. McKay	Oct. 6, 1873				15 10 09	21 57 00	19 71 10		
Milton Santee	Sept. 18, 1879				6 00 75	60 06 34			
Do	Sept. 18, 1879				11 69 90	119 38 95			0 61 71
J. N. Chapman	Sept. 16, 1878					100 04 82			0 05 61
S. A. Hanson	Aug. 9, 1879		3 00 00		26 13 14	229 11 89	8 51 88		
W. F. Benson	July 23, 1877			3 40 00	26 74 61		78 17 28		
J. R. Glover	Aug. 9, 1879			6 00 00	17 32 93	60 11 76	4 31 43		
Milton Santee	Oct. 28, 1879				2 00 28	43 04 18			
J. R. Glover	Aug. 7, 1879					11 10 41	4 32 90		0 46 22
William Minto	Apr. 24, 1879	5 00 00		3 00 00	17 24 46	148 79 40			
J. G. Parke	Aug. 26, 1878				24 59 42	57 46 70	27 72 58		2 21 65
J. R. Glover	Aug. 26, 1879				1 78 28	13 01 47	8 26 75		3 35 85



L. D. Bond	July 1, 1879				11 02 32	59 72 01		1 74 47
Do	July 1, 1879				12 18 46	59 32 72		0 11 38
G. W. Baker	Aug. 9, 1879				5 00 00	37 02 92		
Do	Aug. 9, 1879			6 00 00	42 45	27 59 87		0 32 88
S. A. Hanson	Feb. 11, 1879				13 37 66	111 38 47		1 30 48
D. D. Brown	May 12, 1879				28 79 00	98 07 07		0 15 50
James E. Woods	Aug. 1, 1879	4 00 36			26 58 45	238 65 13	8 57 22	
J. R. Glover	Aug. 7, 1879				13 41 71	52 22 28		0 47 35
John L. McCoy	Oct. 6, 1879			1 00 84	53 68 62	218 40 44		
L. D. Bond	July 1, 1879				11 01 24	59 76 31		
Do	July 1, 1879				4 64 64	18 20 75		0 79 21
G. W. Baker	Oct. 28, 1879					27 26 62		
J. R. Glover	June 14, 1879				14 73 54	32 73 37	20 20 64	2 8 56
C. F. Putnam	Oct. 6, 1879				45 18 15	262 70 39	3 52 37	2 46 17
S. W. Brunt	May 12, 1879				51 02 68	519 18 69		2 49 48
P. Y. Baker	May 24, 1879			23 47 54				
M. F. Reilly	Sept. 22, 1879	17 43 50		11 56 48	47 30 41	323 58 14		10 46 12
S. A. Hanson	Oct. 7, 1879				5 77 21	126 67 78		1 52 16
A. B. Beauvais	June 28, 1879	42 55	7 17 00		62 75 39	14 74 58	3 74 36	
S. A. Hanson	Aug. 9, 1879				23 00 00	56 02 47		
J. M. Anderson	May 14, 1879				23 40 00	140 30 84		
Milton Santee	Sept. 18, 1879				39 00 40	207 14 41	6 03 51	
J. R. Glover	Sept. 12, 1879				31 19 87	94 21 12		
Alex. McKay	Oct. 6, 1873				10 49 25	21 57 00	13 46 60	
L. D. Bond	Sept. 26, 1879			7 00 00	54 30 04	350 27 20		1 55 40
A. T. Herrmann	July 25, 1878			2 07 86	6 04 85	6 41 62	10 37 75	
Do	Jan. 3, 1879				2 02 11	31 66 87	6 77 45	
D. F. Spurr	Aug. 30, 1879			40 00		7 10 03		
S. A. Hanson	Nov. 2, 1878				5 00 00	39 60 84		
S. W. Brunt	Oct. 29, 1879			5 11 81	24 12 81	120 69 12		3 23 17
W. H. Myrick	Nov. 20, 1879				33 09 66	240 11 06		0 26 15
John L. McCoy	Aug. 1, 1879			3 78 44	8 13 86	46 38 05		1 71 21
R. F. Herrick	July 18, 1878					10 02 00		
W. H. Norway	Oct. 10, 1879			29 00 00	70 29 15	387 25 92	3 78 90	1 75 93
L. B. Gorham	Nov. 21, 1879				17 40 35	117 22 29	29 15	
William Minto	Oct. 22, 1879			11 38 94	7 42 10	86 66 82	5 17 96	
H. J. Stevenson	Jan. 2, 1879						24 82	
A. T. Herrmann	Aug. 12, 1879	7 08 58				2 76 56	1 71 97	
C. F. Putnam	Mar. 2, 1880					59 76 47		
N. L. Berdan	Oct. 19, 1879			16 60 63	115 40 65	555 69 95		4 69 90
T. J. Dewoody	Dec. 12, 1875						4 76 28	
Do	July 13, 1878						7 47 66	
W. H. Carlton	May 27, 1874			13 40 00				
L. D. Bond	Dec. 3, 1879					124 20 35		0 44 66
George B. Tolman	Sept. 11, 1876			6 17 85	4 03 20	44 02 16	11 25 50	
George Sandow	Sept. 9, 1879				11 49 12	89 37 88		
James E. Woods	Nov. 20, 1879				34 30 40	179 19 13		1 17 10
Milton Santee	Jan. 10, 1880					59 49 43		2 5 37
L. D. Bond	Jan. 26, 1880			14 00 00	137 05 18	180 05 53		2 59 19
William Minto	Oct. 22, 1879				5 21 27	33 07 14		
Benj. F. Farmer	Oct. 22, 1878						3 78 78	
A. T. Herrmann	Aug. 12, 1879						20 73 25	



## D.—Statement of number of miles surveyed in California, &amp;c.—Continued.

Name of surveyor.	Date of contract.	Meridian.	Base.	Standard.	Township.	Section.	Meander.	Traverse.	Connecting links.
		<i>Ms. chs. lks.</i>	<i>Ms. chs. lks.</i>	<i>Ms. chs. lks.</i>	<i>Ms. chs. lks.</i>	<i>Ms. chs. lks.</i>	<i>Ms. chs. lks.</i>	<i>Ms. chs. lks.</i>	<i>Ms. chs. lks.</i>
Frank Reade .....	Feb. 14, 1880	.....	.....	.....	.....	.....	23 15 98	.....	.....
F. G. Ward .....	Oct. 21, 1879	.....	.....	1 49 42	30 79 16	130 40 32	.....	.....	1 56 45
James E. Woods .....	Nov. 19, 1879	.....	.....	.....	43 27 94	275 27 07	1 24 06	.....	1 32 31
S. A. Hanson .....	Dec. 3, 1879	.....	.....	.....	22 38 53	188 05 40	.....	.....	3 20 32
J. R. Glover .....	Oct. 11, 1879	.....	.....	6 01 13	5 40 73	52 18 73	8 08 31	.....	2 33 20
L. D. Bond .....	Jan. 26, 1880	.....	.....	.....	.....	110 39 89	.....	.....	.....
George Sandow .....	Oct. 21, 1879	.....	.....	.....	17 41 50	93 70 70	.....	.....	2 11 04
T. J. Dewoody .....	Instructions.	.....	.....	.....	.....	.....	21 31 60	.....	.....
William Minto .....	Apr. 10, 1880	.....	.....	.....	.....	4 10 23	.....	.....	1 29 42
R. F. Herrick .....	.....	.....	.....	.....	.....	1 00 66	.....	.....	.....
W. J. Lewis .....	Mar. 26, 1880	.....	.....	.....	.....	9 14 12	1 12 41	.....	.....
S. A. Hanson .....	.....	.....	.....	.....	27 53 43	58 35 36	.....	.....	5 12 93
Total.....	.....	859 17 61	426 30 65	5,778 00 91	34,599 21 02	146,821 52 36	3,053 53 39	27 04 75	176 06 09



E.—List of lands surveyed in California from June 30, 1879, to June 30, 1880.

No. of townships surveyed.	Description.	Meridian.	Public lands.	A.	B.	C.	D.	E.	F.	Remarks.	Total.	
				Confirmed private land claims.	Military reservation.	Indian reservation.	Unsurveyed mountain land.	River, swamp, and overflowed land.	Unsurveyed public land.			
			Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.		Acres.	
1a	Township 1 north, range 5 east..	Mount Diablo.	.....	.....	.....	.....	.....	22, 853. 99	.....	{ San Joaquin River, &c. } { San Joaquin and Calaveras Rivers, &c. }	186. 01	23, 040. 00
2a	Township 1 north, range 6 east..	do .....	.....	10, 213. 00	.....	.....	.....	12, 302. 80	.....		452. 20	22, 968. 00
3	Township 1 north, range 32 east..	do .....	6, 065. 20	.....	.....	.....	.....	.....	.....			6, 065. 20
4a	Township 2 north, range 5 east..	do .....	.....	.....	.....	.....	.....	21, 699. 62	.....	{ San Joaquin River, &c. }	792. 60	22, 492. 22
5	Township 2 north, range 25 east..	do .....	14, 147. 84	.....	.....	.....	8, 880. 00	.....	.....			23, 027. 84
6a	Township 2 north, range 27 east..	do .....	1, 503. 38	.....	.....	.....	.....	.....	.....	{ Bird Island and Mono Lake. }	21, 536. 62	23, 040. 00
7	Township 2 north, range 30 east..	do .....	20, 820. 94	.....	.....	.....	.....	.....	.....			20, 820. 94
8	Township 2 north, range 31 east..	do .....	4, 416. 91	.....	.....	.....	.....	.....	.....		4, 416. 91	
9a	Township 3 north, range 10 east..	do .....	22, 787. 15	.....	.....	.....	.....	.....	.....		22, 787. 15	
10a	Township 3 north, range 25 east..	do .....	22, 642. 67	.....	.....	.....	.....	400. 00	.....		23, 042. 67	
11a	Township 3 north, range 29 east..	do .....	19, 412. 83	.....	.....	.....	.....	.....	.....		19, 412. 83	
12	Township 3 north, range 30 east..	do .....	2, 973. 73	.....	.....	.....	.....	.....	.....		2, 973. 73	
13	Township 4 north, range 28 east..	do .....	17, 647. 14	.....	.....	.....	.....	.....	.....		17, 647. 14	
14	Township 4 north, range 29 east..	do .....	1, 732. 00	.....	.....	.....	.....	.....	.....		1, 732. 00	
15	Township 5 north, range 28 east..	do .....	742. 15	.....	.....	.....	.....	.....	.....		742. 15	
16	Township 6 north, range 18 east..	do .....	13, 923. 36	.....	.....	.....	9, 120. 00	.....	.....		23, 043. 36	
17	Township 6 north, range 19 east..	do .....	20, 506. 08	.....	.....	.....	2, 560. 00	.....	.....		23, 066. 08	
18	Township 6 north, range 20 east..	do .....	5, 524. 48	.....	.....	.....	17, 520. 00	.....	.....		23, 044. 48	
19	Township 6 north, range 25 east..	do .....	23, 018. 71	.....	.....	.....	.....	.....	.....		23, 018. 71	
20	Township 6 north, range 26 east..	do .....	17, 129. 32	.....	.....	.....	635. 00	.....	.....		17, 764. 32	
21	Township 7 north, range 19 east..	do .....	10, 418. 96	.....	.....	.....	12, 640. 00	.....	.....		23, 058. 96	
22	Township 7 north, range 23 east..	do .....	22, 979. 80	.....	.....	.....	.....	.....	.....		22, 979. 80	
23	Township 7 north, range 24 east..	do .....	13, 289. 04	.....	.....	.....	9, 750. 96	.....	.....		23, 040. 00	
24	Township 7 north, range 25 east..	do .....	9, 617. 40	.....	.....	.....	.....	.....	6, 846. 05		16, 463. 45	







48	Township 33 north, range 14 east..	do	23,024.48							23,024.48
49	Township 33 north, range 15 east..	do	22,448.03							22,448.03
50	Township 33 north, range 16 east..	do	22,514.63							22,514.63
51	Township 34 north, range 16 east..	do	18,838.95			2,560.00				21,398.95
52a	Township 35 north, range 2 east..	do	14,477.17			7,753.21	853.74			23,084.12
53	Township 36 north, range 2 east..	do	9,600.00			10,720.00	2,720.00			23,040.00
54a	Township 36 north, range 6 east..	do	23,049.06				120.00			23,169.06
55	Township 36 north, range 7 east..	do	22,249.98				751.93			23,001.91
56	Township 36 north, range 11 east..	do	23,457.54							23,457.54
57	Township 36 north, range 12 east..	do	22,887.31							22,887.31
58a	Township 37 north, range 6 east..	do	22,408.63							22,408.63
59	Township 37 north, range 10 east..	do	23,599.55							23,599.55
60	Township 37 north, range 12 east..	do	23,086.45							23,086.45
61	Township 37 north, range 16 east..	do	21,806.88				332.85	{ Area of Lily Lake. }	351.53	32,491.26
62	Township 38 north, range 3 east..	do	23,075.70							23,075.70
63	Township 38 north, range 10 east..	do	22,888.41							22,888.41
64	Township 38 north, range 16 east..	do	4,642.24			17,810.00				22,452.24
65	Township 39 north, range 2 east..	do	22,017.27				1,040.17			23,057.44
66	Township 39 north, range 3 east..	do	23,169.20							23,169.20
67	Township 39 north, range 4 east..	do	7,338.21			15,680.00				23,018.21
68	Township 39 north, range 10 east..	do	22,514.96							22,514.96
69	Township 39 north, range 11 east..	do	22,461.66							22,461.66
70	Township 39 north, range 15 east..	do	18,155.32				400.00			18,555.32
71	Township 40 north, range 2 east..	do	22,954.04							22,954.04
72	Township 40 north, range 3 east..	do	23,080.43							23,080.43
73	Township 40 north, range 4 east..	do	23,111.30							23,111.30
74a	Township 40 north, range 8 east..	do	22,883.03							22,883.03
75a	Township 40 north, range 9 east..	do	22,950.90							22,950.90
76	Township 40 north, range 10 east..	do	22,316.17							22,316.17
77a	Township 40 north, range 12 east..	do	17,899.82				5,888.45			23,788.27
78	Township 40 north, range 14 east..	do	23,643.90				80.00			23,723.90
79	Township 40 north, range 15 east..	do	7,517.63					11,425.00		18,942.63
80	Township 41 north, range 2 east..	do	23,046.53							23,046.53
81	Township 41 north, range 4 east..	do	23,045.35							23,045.35
82	Township 42 north, range 2 east..	do	23,055.71							23,055.71
83	Township 42 north, range 5 east..	do	12,067.58			11,360.00				23,427.58
84	Township 43 north, range 2 east..	do	11,052.54			12,000.00				23,052.54
85	Township 43 north, range 3 east..	do	17,152.11			5,440.00		{ Area of Crystal Lake. }	448.63	23,040.74
86	Township 43 north, range 5 east..	do	22,902.59							22,902.59
87	Township 44 north, range 1 east..	do	20,741.51							20,741.51
88	Township 44 north, range 2 east..	do	23,035.67							23,035.67
89	Township 44 north, range 3 east..	do	21,922.24			1,120.00				23,042.24
90	Township 44 north, range 4 east..	do	23,041.36							23,041.36
91	Township 44 north, range 5 east..	do	22,947.10							22,947.10
92	Township 45 north, range 1 east..	do	20,244.17							20,244.17
93	Township 45 north, range 2 east..	do	22,236.07							22,236.07
94	Township 45 north, range 5 east..	do	22,252.99							22,252.99
95	Township 45 north, range 15 east..	do	13,201.56			5,000.00				18,201.56



E.—List of lands surveyed in California from June 30, 1879, to June 30, 1880—Continued.

No. of townships surveyed.	Description.	Meridian.	Public lands.	A.	B.	C.	D.	E.	F.	Remarks.	Total.	
				Confirmed private land claims.	Military reservation.	Indian reservation.	Unsurveyed mountain land.	River, swamp, and overflowed land.	Unsurveyed public land.			
			Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.		Acres.	
96	Township 45 north, range 17 east..	Mount Diablo.	16, 906. 85	.....	.....	.....	.....	.....	.....	{ Area of Upper Lake. }	530. 09	17, 436. 85
97	Township 46 north, range 1 east..	do .....	22, 985. 59	.....	.....	.....	.....	.....	.....			
98	Township 46 north, range 4 east..	do .....	7, 276. 80	.....	.....	.....	5, 907. 00	.....	.....	{ Area of Rhett Lake. }	9, 566. 20	22, 750. 00
99	Township 46 north, range 5 east..	do .....	10, 576. 52	.....	.....	.....	.....	.....	.....		{ Area of Rhett Lake and Stone Island. }	12, 483. 48
100a	Township 46 north, range 15 east..	do .....	10, 977. 60	.....	1, 646. 00	.....	7, 854. 04	.....	.....	.....	.....	20, 477. 64
101	Township 46 north, range 17 east..	do .....	14, 743. 55	.....	.....	.....	.....	.....	.....	.....	.....	14, 743. 55
102	Township 47 north, range 2 east..	do .....	8, 864. 13	.....	.....	.....	.....	7, 080. 69	.....	{ Area of Little Klamath Lake. }	7, 619. 18	23, 564. 00
103	Township 47 north, range 16 east..	do .....	13, 562. 49	.....	.....	.....	9, 440. 00	.....	.....		{ Area of Lake Anna. }	43. 21
104	Township 47 north, range 17 east..	do .....	11, 305. 83	.....	.....	.....	.....	702. 75	.....	{ Area of Pelican Lake. }	2, 645. 00	14, 653. 58
105	Township 48 north, range 17 east..	do .....	2, 667. 53	.....	.....	.....	.....	.....	.....		.....	.....
106a	Township 6 north, range 6 west..	do .....	9, 827. 88	13, 046. 12	.....	.....	.....	.....	.....	.....	.....	22, 874. 00
107a	Township 8 north, range 3 west..	do .....	11, 041. 66	9, 650. 84	.....	.....	2, 311. 42	.....	.....	.....	.....	23, 003. 92
108a	Township 8 north, range 5 west..	do .....	15, 434. 27	7, 917. 49	.....	.....	.....	.....	.....	.....	.....	23, 351. 76
109a	Township 11 north, range 4 west..	do .....	22, 787. 99	.....	.....	.....	.....	.....	240. 00	.....	.....	23, 027. 99
110a	Township 11 north, range 11 west..	do .....	18, 413. 45	298. 00	.....	.....	4, 603. 61	.....	.....	.....	.....	23, 315. 06
111a	Township 12 north, range 3 west..	do .....	19, 788. 17	3, 390. 00	.....	.....	.....	.....	.....	.....	.....	23, 178. 17
112a	Township 12 north, range 4 west..	do .....	22, 916. 82	262. 10	.....	.....	.....	.....	.....	.....	.....	23, 178. 92
113a	Township 13 north, range 4 west..	do .....	21, 359. 91	.....	.....	.....	.....	.....	1, 230. 00	.....	.....	22, 589. 91
114	Township 13 north, range 5 west..	do .....	22, 618. 12	.....	.....	.....	.....	.....	.....	.....	.....	22, 618. 12
115a	Township 14 north, range 5 west..	do .....	23, 024. 61	.....	.....	.....	.....	.....	.....	.....	.....	23, 024. 61
116	Township 14 north, range 6 west..	do .....	23, 025. 40	.....	.....	.....	.....	.....	.....	.....	.....	23, 025. 40
117	Township 15 north, range 6 west..	do .....	24, 205. 54	.....	.....	.....	.....	.....	.....	.....	.....	24, 205. 54
118a	Township 16 north, range 6 west..	do .....	23, 054. 37	.....	.....	.....	.....	.....	.....	.....	.....	23, 054. 37



119	Township 17 north, range 7 west	do	23, 164. 40							23, 164. 40
120	Township 18 north, range 7 west	do	23, 444. 56							23, 444. 56
121	Township 19 north, range 7 west	do	23, 230. 07							23, 230. 07
122a	Township 19 north, range 13 west	do	23, 697. 85							23, 697. 85
123	Township 20 north, range 7 west	do	23, 024. 07							23, 024. 07
124	Township 21 north, range 7 west	do	23, 017. 94							23, 017. 94
125	Township 21 north, range 8 west	do	23, 008. 92							23, 008. 92
126	Township 21 north, range 9 west	do	19, 194. 08							19, 194. 08
127	Township 21 north, range 10 west	do	23, 048. 84							23, 048. 84
128	Township 22 north, range 9 west	do	19, 840. 98							19, 840. 98
129	Township 22 north, range 10 west	do	23, 047. 96							23, 047. 96
130	Township 23 north, range 9 west	do	20, 552. 16					320. 00		20, 872. 16
131	Township 23 north, range 10 west	do	23, 061. 20							23, 061. 20
132	Township 28 north, range 8 west	do	23, 020. 34							23, 020. 34
133	Township 29 north, range 8 west	do	23, 073. 10							23, 073. 10
134	Township 29 north, range 9 west	do	2, 678. 28			15, 361. 72				23, 040. 00
135	Township 30 north, range 8 west	do	8, 960. 00			14, 374. 00				23, 334. 00
136	Township 30 north, range 11 west	do	23, 383. 73							23, 383. 73
137	Township 30 north, range 12 west	do	23, 297. 27							23, 297. 27
138a	Township 33 north, range 3 west	do	23, 036. 98							23, 036. 98
139	Township 34 north, range 3 west	do	23, 035. 37							23, 035. 37
140	Township 39 north, range 1 west	do	3, 034. 67			19, 920. 00				22, 954. 67
141a	Township 39 north, range 2 west	do	14, 568. 57			8, 304. 00	80. 00			22, 952. 57
142a	Township 40 north, range 4 west	do	8, 265. 90			14, 067. 92	560. 00			22, 893. 82
143	Township 40 north, range 5 west	do	840. 68			22, 080. 00	120. 60			23, 041. 28
144	Township 41 north, range 1 west	do	11, 823. 24			11, 200. 00				23, 033. 24
145	Township 41 north, range 2 west	do	2, 880. 00			19, 560. 00				22, 440. 00
146	Township 41 north, range 4 west	do	2, 867. 69			20, 160. 00				23, 027. 69
147	Township 41 north, range 5 west	do	15, 623. 77			6, 880. 00	560. 00			23, 063. 77
148	Township 44 north, range 1 west	do	22, 456. 70				560. 00			23, 016. 70
149	Township 45 north, range 1 west	do	18, 881. 35				371. 80			19, 253. 15
150a	Township 46 north, range 2 west	do	21, 330. 45				1, 760. 00			23, 090. 45
151a	Township 47 north, range 2 west	do	21, 646. 18				1, 520. 00			23, 166. 18
152	Township 48 north, range 1 west	do	13, 447. 12							13, 447. 12
153	Township 48 north, range 2 west	do	14, 090. 38			532. 40				14, 622. 78
154a	Township 1 south, range 6 east	do	3, 923. 60	7, 378. 23			11, 148. 06	{ Area of San Joaquin River. } 240. 00		22, 689. 89
155	Township 1 south, range 15 east	do	24, 450. 75							24, 450. 75
156a	Township 1 south, range 26 east	do	21, 752. 09			642. 08	428. 91	{ Area of Gull Lake. } 231. 27		23, 054. 35
157a	Township 1 south, range 28 east	do	22, 948. 69							22, 948. 69
158	Township 1 south, range 29 east	do	22, 890. 66							22, 890. 66
159	Township 1 south, range 30 east	do	23, 060. 21							23, 060. 21
160a	Township 1 south, range 31 east	do	22, 321. 64				720. 00			23, 041. 64
161a	Township 1 south, range 32 east	do	21, 593. 58							21, 593. 58
162	Township 2 south, range 26 east	do	7, 401. 51			D	379. 76	{ D + area of lakes. } 14, 754. 25		22, 535. 52
163	Township 2 south, range 27 east	do	20, 809. 78			1, 760. 00				22, 569. 78
164	Township 2 south, range 28 east	do	22, 655. 04							22, 655. 04
165	Township 2 south, range 29 east	do	22, 792. 50							22, 792. 50
166	Township 2 south, range 30 east	do	23, 057. 97							23, 057. 97



No. of townships surveyed.	Description.	Meridian.	Public lands.	A.	B.	C.	D.	E.	F.	Remarks.	Total.
				Confirmed private land claims.	Military reservation.	Indian reservation.	Unsurveyed mountain land.	River, swamp, and overflowed land.	Unsurveyed public land.		
			<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>		<i>Acres.</i>
167a	Township 2 south, range 31 east	Mt. Diablo	23,996.52					100.13			24,096.65
168	Township 3 south, range 30 east	do	22,725.17								22,725.17
169	Township 3 south, range 31 east	do	23,865.49								23,865.49
170a	Township 3 south, range 32 east	do	22,995.19								22,995.19
171a	Township 4 south, range 3 east	do	23,150.57								23,150.57
172a	Township 4 south, range 27 east	do	3,922.40				19,117.60				23,040.00
173	Township 4 south, range 31 east	do	23,573.91								23,573.91
174a	Township 4 south, range 32 east	do	22,891.00								22,891.00
175a	Township 5 south, range 3 east	do	23,471.82								23,471.82
176a	Township 5 south, range 7 east	do	21,787.98	1,285.78							23,073.76
177a	Township 5 south, range 31 east	do	19,620.08					3,552.46			23,172.54
178	Township 5 south, range 32 east	do	22,997.40								22,997.40
179	Township 5 south, range 36 east	do	4,001.82				19,092.80				23,094.62
180	Township 5 south, range 37 east	do	17,792.85								17,792.85
181	Township 5 south, range 38 east	do	1,609.96								1,609.96
182a	Township 6 south, range 4 east	do	23,558.58								23,558.58
183	Township 6 south, range 5 east	do	19,711.68				5,130.04				24,841.72
184	Township 6 south, range 35 east	do	1,283.24				21,760.00				23,043.24
185	Township 6 south, range 36 east	do	9,557.16				13,305.21				22,862.37
186	Township 6 south, range 37 east	do	23,041.60								23,041.60
187	Township 6 south, range 38 east	do	16,321.31				2,816.75				19,138.06
188a	Township 7 south, range 1 east	do	333.64	22,613.00							22,946.64
189a	Township 7 south, range 4 east	do	5,039.60	8,481.24			9,517.60				23,038.44
190	Township 7 south, range 5 east	do	4,959.19				18,080.00				23,039.19
191	Township 7 south, range 31 east	do	21,284.92				1,755.08				23,040.00
192a	Township 7 south, range 32 east	do	20,230.84				2,887.60				23,118.44
193	Township 7 south, range 35 east	do	19,055.19				4,004.16				23,059.35
194	Township 7 south, range 36 east	do	23,051.82								23,051.82
195	Township 7 south, range 37 east	do	23,059.73								23,059.73
196	Township 7 south, range 38 east	do	12,974.32				10,087.84				23,062.16
197	Township 8 south, range 1 east	do	1,104.64	21,954.56							23,059.20
198	Township 8 south, range 31 east	do	12,201.52				10,558.48	280.00			23,040.00
199	Township 8 south, range 32 east	do	10,228.88				12,651.12	160.00			23,040.00



200	Township 8 south, range 35 east	do	13, 617. 60			9, 440. 00			23, 057. 60
201	Township 8 south, range 36 east	do	5, 416. 48			200. 00	17, 441. 32		23, 057. 80
202	Township 8 south, range 37 east	do	10, 554. 39			12, 479. 93			23, 034. 32
203	Township 8 south, range 38 east	do	23, 042. 54						23, 042. 54
204	Township 9 south, range 32 east	do	9, 404. 40			13, 435. 60	200. 00		23, 040. 00
205a	Township 9 south, range 33 east	do	9, 453. 52			13, 586. 48			23, 040. 00
206	Township 9 south, range 38 east	do	14, 568. 31			8, 480. 00			23, 048. 31
207	Township 9 south, range 39 east	do	6, 078. 50			16, 959. 90			23, 038. 40
208a	Township 10 south, range 2 east	do	11, 870. 24	A		D		A + D 11, 833. 68	23, 703. 92
209	Township 10 south, range 3 east	do	2, 259. 94	22, 026. 38					24, 286. 32
210	Township 11 south, range 6 east	do	8, 442. 97	14, 545. 71					22, 988. 68
211	Township 11 south, range 7 east	do	23, 108. 69						23, 108. 69
212	Township 11 south, range 37 east	do	23, 080. 12						23, 080. 12
213a	Township 13 south, range 2 east	do	2, 105. 93	A 1		1, 583. 73		{ A + area of Salinas River. } 18, 729. 10	22, 418. 76
214	Township 13 south, range 10 east	do	23, 235. 81	786. 00					24, 021. 81
215	Township 13 south, range 25 east	do	24, 085. 25						24, 085. 25
216	Township 13 south, range 26 east	do	16, 069. 83			9, 027. 00			25, 096. 83
217	Township 13 south, range 27 east	do	10, 829. 44			13, 930. 00			24, 759. 44
218	Township 13 south, range 28 east	do	16, 961. 84			8, 220. 80			25, 182. 64
219	Township 13 south, range 37 east	do	2, 718. 56			20, 320. 00			23, 038. 56
220	Township 13 south, range 38 east	do	23, 043. 48						23, 043. 48
221	Township 13 south, range 39 east	do	23, 054. 89						23, 054. 89
222	Township 14 south, range 28 east	do	22, 818. 47						22, 818. 47
223	Township 14 south, range 29 east	do	22, 346. 94						22, 346. 94
224	Township 14 south, range 30 east	do	11, 056. 39			10, 815. 00			21, 871. 39
225	Township 14 south, range 38 east	do	12, 216. 18			9, 280. 00	1, 520. 00		23, 016. 18
226	Township 15 south, range 29 east	do	8, 640. 96			14, 399. 04			23, 040. 00
227	Township 15 south, range 30 east	do	6, 722. 92			16, 317. 08			23, 040. 00
228	Township 15 south, range 39 east	do	11, 360. 68			11, 680. 00			23, 040. 68
229	Township 15 south, range 40 east	do	11, 197. 54			11, 840. 00			23, 037. 54
230	Township 20 south, range 10 east	do	15, 284. 82	7, 829. 09					23, 113. 91
231a	Township 20 south, range 11 east	do	6, 319. 23	A		D		A + D. 16, 743. 65	23, 062. 88
232	Township 23 south, range 5 east	do	10, 782. 86			10, 720. 00			21, 502. 86
233a	Township 23 south, range 8 east	do	14, 070. 15	9, 116. 29					23, 186. 44
234	Township 24 south, range 8 east	do	22, 935. 56	204. 98					23, 140. 54
235a	Township 24 south, range 9 east	do	12, 971. 55	9, 113. 00		640. 00			22, 724. 55
236	Township 25 south, range 8 east	do	17, 731. 68	A		D		A + D 6, 170. 34	23, 902. 02
237	Township 26 south, range 8 east	do	9, 735. 21	11, 754. 79					21, 490. 00
238	Township 26 south, range 9 east	do	22, 441. 14						22, 441. 14
239	Township 26 south, range 10 east	do	23, 157. 82						23, 157. 82
240a	Township 27 south, range 10 east	do	14, 755. 87	156. 37		7, 236. 36			22, 148. 60
241a	Township 27 south, range 11 east	do	8, 626. 74	14, 474. 77					23, 101. 51
242a	Township 28 south, range 10 east	do	19, 479. 77	4, 221. 45					23, 701. 22
243a	Township 28 south, range 13 east	do	19, 316. 19	3, 941. 30					23, 257. 49
244a	Township 29 south, range 11 east	do	14, 742. 47	8, 384. 69					23, 127. 16
245a	Township 29 south, range 12 east	do	19, 675. 78	3, 625. 00					23, 300. 78
246a	Township 29 south, range 13 east	do	11, 244. 26	A			F	A + F 11, 985. 00	23, 229. 26
247a	Township 10 south, range 2 west	do	12, 408. 98	10, 640. 38					23, 049. 36
248	Township 17 south, range 1 west	do	3, 260. 83						3, 260. 83
249a	Township 21 north, range 10 east	San Bernardino	20, 528. 16			2, 259. 20			22, 787. 36



No. of townships surveyed.	Description.	Meridian.	Public lands.	A.	B.	C.	D.	E.	F.	Remarks.	Total.
				Confirmed private land claims.	Military reservation.	Indian reservation.	Unsurveyed mountain land.	River, swamp, and overflowed land.	Unsurveyed public land.		
			<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>		<i>Acres.</i>
250a	Township 21 north, range 11 east..	San Bernardino	4,655.92	.....	.....	.....	3,566.49	.....	.....	.....	8,222.41
251a	Township 22 north, range 9 east..	do	16,549.91	.....	.....	.....	6,248.89	.....	.....	.....	22,798.80
252a	Township 22 north, range 10 east..	do	5,032.72	.....	.....	.....	3,357.12	.....	.....	.....	8,389.84
253a	Township 23 north, range 8 east..	do	7,706.03	.....	.....	.....	15,073.97	.....	.....	.....	22,780.00
254a	Township 23 north, range 9 east..	do	5,052.41	.....	.....	.....	3,354.88	.....	.....	.....	8,407.29
255a	Township 24 north, range 7 east..	do	11,850.71	.....	.....	.....	10,930.21	.....	.....	.....	22,780.92
256	Township 24 north, range 8 east..	do	2,284.50	.....	.....	.....	5,849.21	.....	.....	.....	8,133.71
257a	Township 25 north, range 6 east..	do	20,814.27	.....	.....	.....	1,958.52	.....	.....	.....	22,772.79
258a	Township 25 north, range 7 east..	do	2,850.72	.....	.....	.....	4,152.00	.....	.....	.....	7,002.72
259a	Township 26 north, range 5 east..	do	21,548.57	.....	.....	.....	.....	.....	.....	.....	21,548.57
260a	Township 27 north, range 5 east..	do	2,714.55	.....	.....	.....	1,560.69	.....	.....	.....	4,275.24
261a	Township 4 north, range 13 west..	do	22,951.53	.....	.....	.....	.....	.....	.....	.....	22,951.53
262	Township 4 north, range 14 west..	do	22,541.84	.....	.....	.....	.....	.....	634.00	.....	23,175.84
263a	Township 4 north, range 20 west..	do	9,686.00	A	.....	.....	D	.....	.....	A + D 12,881.40	22,567.40
264a	Township 5 north, range 12 west..	do	24,286.47	.....	.....	.....	.....	.....	.....	.....	24,286.47
265a	Township 5 north, range 13 west..	do	24,113.86	.....	.....	.....	.....	.....	.....	.....	24,113.86
266a	Township 5 north, range 14 west..	do	24,254.96	.....	.....	.....	.....	.....	.....	.....	24,254.96
267	Township 5 north, range 15 west..	do	24,088.18	.....	.....	.....	.....	.....	.....	.....	24,088.18
268	Township 5 north, range 16 west..	do	23,457.43	725.58	.....	.....	.....	.....	.....	.....	24,183.01
269	Township 9 north, range 21 west..	do	998.00	.....	.....	.....	22,042.00	.....	.....	.....	23,040.00
270	Township 9 north, range 22 west..	do	640.00	.....	.....	.....	22,400.00	.....	.....	.....	23,040.00
271a	Township 10 north, range 21 west..	do	13,851.15	2,936.67	.....	.....	6,264.82	.....	.....	.....	23,052.64
272	Township 10 north, range 22 west..	do	6,343.93	13,400.00	.....	.....	3,375.76	.....	.....	.....	23,119.69
273a	Township 10 north, range 23 west..	do	10,350.88	1,331.84	.....	.....	11,357.28	.....	.....	.....	23,040.00
274a	Township 10 north, range 24 west..	do	18,571.53	161.13	.....	.....	4,344.00	.....	.....	.....	23,076.66
275a	Township 10 north, range 25 west..	do	9,170.05	A	.....	.....	D	.....	.....	A + D 13,903.11	23,073.16
276a	Township 10 north, range 26 west..	do	1,066.11	A	.....	.....	D	.....	.....	A + D 22,010.41	23,076.52
277a	Township 10 north, range 27 west..	do	4,771.70	A	.....	.....	D	.....	.....	A + D 18,322.31	23,094.01
278a	Township 3 south, range 1 east..	do	12,814.58	.....	.....	.....	10,244.06	.....	.....	.....	23,058.64
279a	Township 3 south, range 2 east..	do	13,157.82	.....	.....	.....	9,941.22	.....	.....	.....	23,099.04
280	Township 4 south, range 1 east..	do	10,007.41	780.45	.....	.....	12,300.00	.....	.....	.....	23,087.86
281	Township 4 south, range 2 east..	do	19,265.03	.....	.....	.....	3,840.00	.....	.....	.....	23,105.03
282a	Township 5 south, range 1 east..	do	13,028.20	5,230.00	.....	.....	4,801.62	.....	.....	.....	23,059.82



283a	Township 5 south, range 2 east..	do	14,368.21				8,690.00			23,058.21
284	Township 5 south, range 3 east..	do	11,205.66				11,840.00			23,045.66
285	Township 6 south, range 1 east..	do	11,821.58				10,420.00			22,241.58
286	Township 11 south, range 1 east..	do	5,281.49	A			D		A + D 17,800.00	23,081.49
287	Township 12 south, range 1 east..	do	10,207.45	1,319.60			11,590.00			23,117.05
288	Township 15 south, range 2 east..	do	10,457.34				6,248.00			23,135.74
289	Township 15 south, range 4 east..	do	4,861.07	A			D		A + D 18,270.00	23,131.07
290	Township 15 south, range 5 east..	do	10,575.76				12,630.00			23,205.76
291	Township 18 south, range 1 east..	do	4,471.88	1,313.50			10,555.00			22,340.38
292a	Township 2 south, range 2 west..	do	10,562.18	7,750.00			4,920.00			23,232.18
293a	Township 2 south, range 3 west..	do	22,422.00	919.63						23,341.63
294a	Township 2 south, range 4 west..	do	22,487.54	607.27						23,094.81
295	Township 4 south, range 8 west..	do	1,818.44	21,306.52						23,124.96
296	Township 9 south, range 3 west..	do	12,303.64	4,347.40			6,400.00			23,051.04
297	Township 9 south, range 4 west..	do	2,420.72	14,326.00			6,293.28			23,040.00
298	Township 12 south, range 3 west..	do	10,327.50	A			D		A + D 13,210.00	23,537.50
299	Township 14 south, range 2 west..	do	11,540.70	5,615.00			5,925.00			23,080.70
300	Township 18 south, range 1 west..	do	11,343.65	11,843.93						23,187.58
301	Township 1 north, range 6 east..	Humboldt	23,027.62							23,027.62
302	Township 1 north, range 7 east..	do	22,200.48				1,036.15			23,236.63
303	Township 2 north, range 6 east..	do	1,280.28				21,759.72			23,040.00
304	Township 2 north, range 7 east..	do	18,095.20				4,954.96			23,050.16
305	Township 2 north, range 8 east..	do	10,539.27							10,539.27
306a	Township 3 north, range 3 east..	do	16,370.00				6,560.80			22,930.80
307	Township 3 north, range 6 east..	do	13,128.08				9,911.92			23,040.00
308	Township 3 north, range 7 east..	do	23,041.76							23,041.76
309	Township 3 north, range 8 east..	do	10,693.85							10,693.85
310	Township 1 south, range 1 east..	do	22,989.56							22,989.56
311	Township 1 south, range 6 east..	do	19,154.46				5,117.54			24,272.00
312	Township 2 south, range 1 east..	do	20,942.40							20,942.40
313	Township 2 south, range 2 east..	do	23,038.03							23,038.03
314	Township 2 south, range 6 east..	do	5,284.96				17,755.04			23,040.00
315	Township 2 south, range 7 east..	do	22,288.95				480.00	280.00		23,048.95
316	Township 2 south, range 8 east..	do	11,045.74							11,045.74
317	Township 3 south, range 7 east..	do	5,763.68				17,276.32			23,040.00
318	Township 3 south, range 8 east..	do	11,155.77							11,155.77
319	Township 5 south, range 3 east..	do	24,296.94							24,296.94
320	Township 5 south, range 4 east..	do	17,678.65				5,702.00			23,380.65
321	Township 2 south, range 1 west..	do	14,624.15				8,463.85			23,088.00
Aggregate .....			5,126,878.19	321,225.98	1,646.00	6,430.40	1,092,683.49	125,786.17	42,485.82	274,767.02 6,991,902.17
a	Township 1 north, range 5 east..	Mount Diablo						*23,090.00	Estimated area*	23,090.00
a	Township 1 north, range 6 east..	do		10,220.00				*13,020.00	do	23,240.00
a	Township 2 north, range 5 east..	do						*22,790.00	do	22,790.00
a	Township 2 north, range 27 east..	do	154.48						Estimated area Mono Lake and Island. } 22,885.52	23,040.00
a	Township 3 north, range 10 east..	do	15,900.96				7,087.82			22,988.78
a	Township 3 north, range 25 east..	do	15,194.88				7,845.12			23,040.00
a	Township 12 north, range 8 east..	do	14,332.83	A				5,579.16	F A+river+F	22,976.85



## E.—List of lands surveyed in California from June 30, 1879, to June 30, 1880—Continued.

No. of townships surveyed.	Description.	Meridian.	Public lands.	A. Confirmed private land claims.	B. Military reservation.	C. Indian reservation.	D. Unsurveyed mount- ain land.	E. River, swamp, and overflowed land.	F. Unsurveyed public land.	Remarks.	Total.
			<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>		<i>Acres.</i>
a	Township 13 north, range 2 east..	Mount Diablo.	14,044.22	A				2,818.71		A+river 6,069.60	22,932.53
a	Township 22 north, range 17 east..	do	17,942.29				4,847.00				22,789.29
a	Township 26 north, range 15 east..	do	3,904.44				D	E		D+E 19,120.00	23,024.44
a	Township 27 north, range 3 east..	do	3,054.54				20,021.85				23,076.39
a	Township 27 north, range 4 east..	do	4,372.96				19,498.04				23,871.00
a	Township 27 north, range 14 east..	do	6,259.17				9,541.44	7,180.83			22,981.44
a	Township 28 north, range 3 east..	do	16,044.60				9,005.60				25,050.20
a	Township 28 north, range 4 east..	do	4,800.00				14,400.00				19,200.00
a	Township 29 north, range 3 east..	do	7,594.06				14,380.00	1,040.00			23,014.06
a	Township 29 north, range 15 east..	do	12,677.82				6,054.80	4,206.57			22,939.19
a	Township 32 north, range 13 east..	do	8,000.00				15,040.00				23,040.00
a	Township 35 north, range 2 east..	do	8,149.20				D	E		D+E 14,761.20	22,910.40
a	Township 36 north, range 6 east..	do	6,385.05				16,639.83				23,024.88
a	Township 37 north, range 6 east..	do	7,198.78				15,795.86				22,894.64
a	Township 40 north, range 8 east..	do	4,930.63				18,109.37				23,040.00
a	Township 40 north, range 9 east..	do	4,320.00				18,720.00				23,040.00
a	Township 40 north, range 12 east..	do	6,031.29					5,888.45			11,919.74
a	Township 46 north, range 15 east..	do	7,858.08						13,119.56		20,477.64
a	Township 6 north, range 6 west..	do	2,523.73	A					F	A+F 20,615.39	23,139.12
a	Township 8 north, range 3 west..	do	10,241.58	9,650.84			3,111.50				23,003.92
a	Township 8 north, range 5 west..	do	10,644.94	A			D			A+D 12,340.00	22,984.94
a	Township 11 north, range 4 west..	do	10,791.94				12,232.40				23,024.34
a	Township 11 north, range 11 west..	do	16,460.71	298.00			6,612.52				23,371.23
a	Township 12 north, range 3 west..	do	11,971.70	A			D			A+D 11,430.00	23,401.70
a	Township 12 north, range 4 west..	do	1,108.40				21,893.20				23,001.60
a	Township 13 north, range 4 west..	do	7,408.91				15,051.28				22,460.19
a	Township 14 north, range 5 west..	do	14,558.96				8,385.04				22,944.00
a	Township 16 north, range 6 west..	do	2,291.98				20,800.00				23,091.98
a	Township 19 north, range 13 west..	do	6,869.35				16,148.80				23,018.15
a	Township 33 north, range 3 west..	do	7,677.22				15,348.80				23,026.02
a	Township 39 north, range 2 west..	do	3,118.18				19,744.00	80.00			22,942.18
a	Township 40 north, range 4 west..	do	4,509.82				17,824.00	560.00			22,893.82
a	Township 46 north, range 2 west..	do	9,959.16				11,840.84	1,240.00			23,040.00
a	Township 47 north, range 2 west..	do	3,920.00				17,960.00	1,160.00			23,040.00



a	Township 1 south, range 6 east...	do	3,923.60	7,062.43			11,703.86		22,689.89	
a	Township 1 south, range 26 east...	do	8,911.43						23,040.00	
a	Township 1 south, range 28 east...	do	13,430.36				14,128.57		23,030.36	
a	Township 1 south, range 31 east...	do	3,920.00				9,600.00		23,040.00	
a	Township 1 south, range 32 east...	do	7,856.32				19,120.00		23,057.40	
a	Township 2 south, range 31 east...	do	1,440.00				15,201.08		23,040.00	
a	Township 3 south, range 32 east...	do	11,516.76				21,600.00		23,040.00	
a	Township 4 south, range 3 east...	do	17,230.57				11,523.24		23,150.57	
a	Township 4 south, range 27 east...	do	3,122.40				5,920.00		23,040.00	
a	Township 4 south, range 32 east...	do	8,003.32				19,917.60		23,040.00	
a	Township 5 south, range 3 east...	do	20,603.72				15,036.68		23,463.72	
a	Township 5 south, range 7 east...	do	18,213.12	1,285.78			2,860.00		23,013.06	
a	Township 5 south, range 31 east...	do	9,012.64				3,514.16		23,225.04	
a	Township 6 south, range 4 east...	do	4,800.00				14,212.40		24,210.00	
a	Township 7 south, range 1 east...	do	91.10	22,855.54			19,410.00		22,946.64	
a	Township 7 south, range 4 east...	do	6,401.24				16,640.00		23,041.24	
a	Township 7 south, range 32 east...	do	9,606.04				13,460.84		23,066.88	
a	Township 9 south, range 33 east...	do	3,040.72				19,999.28		23,040.00	
a	Township 10 south, range 2 east...	do	2,322.74	A			D	A + D 20,717.26	23,040.00	
a	Township 13 south, range 2 east...	do	1,995.03	A			1,583.73	} A + area of Salinas River. }	22,418.76	
a	Township 20 south, range 11 east...	do	4,319.91	A			D		A + D 18,742.97	23,062.88
a	Township 23 south, range 8 east...	do	10,659.72	A			D		A + D 12,373.12	23,032.84
a	Township 24 south, range 9 east...	do	8,927.93	9,325.32				4,714.75		22,968.00
a	Township 27 south, range 10 east...	do	12,568.79	A			D		A + D 9,442.08	22,010.87
a	Township 27 south, range 11 east...	do	2,076.61	A			D		A + D 21,131.39	23,208.00
a	Township 28 south, range 10 east...	do	18,410.97	A			D		A + D 5,290.25	23,701.22
a	Township 28 south, range 13 east...	do	10,340.73	3,973.56			8,771.80			23,086.09
a	Township 29 south, range 11 east...	do	11,295.31	A			D		A + D 11,744.69	23,040.00
a	Township 29 south, range 12 east...	do	2,156.64	A			D		A + D 20,883.36	23,040.00
a	Township 29 south, range 13 east...	do	800.00	A			D		A + D 22,240.00	23,040.00
a	Township 10 south, range 2 west...	do	10,370.32	A				F	A + F 12,679.04	23,049.36
a	Township 21 north, range 10 east...	San Bernardino	19,667.36					3,120.00		22,787.36
a	Township 21 north, range 11 east...	do	2,397.68					5,152.32		7,550.00
a	Township 22 north, range 9 east...	do	15,838.80				D		D + F 6,960.00	22,798.80
a	Township 22 north, range 10 east...	do	2,387.04					F		8,460.00
a	Township 23 north, range 8 east...	do	6,982.56				D		D + F 15,797.44	22,780.00
a	Township 23 north, range 9 east...	do	2,375.76					F		7,600.00
a	Township 24 north, range 7 east...	do	11,340.92				11,440.00			22,780.92
a	Township 25 north, range 6 east...	do	19,572.79					3,200.00		22,772.79
a	Township 25 north, range 7 east...	do	1,554.40				D		D + F 7,285.60	8,840.00
a	Township 26 north, range 5 east...	do	19,667.72					F		22,650.00
a	Township 27 north, range 5 east...	do	2,385.64					2,982.28		7,486.00
a	Township 14 north, range 13 west...	do	2,866.20				20,173.80			23,040.00
a	Township 4 north, range 20 west...	do	9,367.40	A			D		A + D 13,200.00	22,567.40
a	Township 5 north, range 12 west...	do	11,937.86				12,320.86			24,258.72
a	Township 5 north, range 13 west...	do	6,239.04				18,019.68			24,258.72
a	Township 5 north, range 14 west...	do	2,240.00				22,018.72			24,258.72
a	Township 10 north, range 21 west...	do	7,488.55	A			D		A + D 15,551.45	23,040.00
a	Township 10 north, range 23 west...	do	4,969.34	A			D		A + D 18,085.60	23,054.94
a	Township 10 north, range 24 west...	do	18,732.66				4,344.00			23,076.66



## E.—List of lands surveyed in California from June 30, 1879, to June 30, 1880—Continued.

No. of townships surveyed.	Description.	Meridian.	Public lands.	A. Confirmed private land claims.	B. Military reservation.	C. Indian reservation.	D. Unsurveyed mount- ain land.	E. River, swamp, and overflowed land.	F. Unsurveyed public land.	Remarks.	Total.
			<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>		<i>Acres.</i>
<i>a</i>	Township 10 north, range 25 west	San Bernardino	15,544.04	.....	.....	.....	7,529.12	.....	.....	.....	23,073.16
<i>a</i>	Township 10 north, range 26 west	do	20,996.52	.....	.....	.....	2,080.00	.....	.....	.....	23,076.52
<i>a</i>	Township 10 north, range 27 west	do	15,535.94	.....	.....	.....	7,558.07	.....	.....	.....	23,094.01
<i>a</i>	Township 3 south, range 1 east	do	11,374.58	.....	.....	.....	11,684.06	.....	.....	.....	23,058.64
<i>a</i>	Township 3 south, range 2 east	do	9,138.72	.....	.....	.....	13,960.32	.....	.....	.....	23,099.04
<i>a</i>	Township 5 south, range 1 east	do	5,873.28	952.88	.....	.....	16,174.00	.....	.....	.....	23,000.16
<i>a</i>	Township 5 south, range 2 east	do	6,448.80	.....	.....	.....	16,600.00	.....	.....	.....	23,048.80
<i>a</i>	Township 2 south, range 2 west	do	7,793.01	A	.....	.....	D	.....	.....	A + D 15,437.60	23,230.61
<i>a</i>	Township 2 south, range 3 west	do	7,787.14	.....	.....	.....	15,372.86	.....	.....	.....	23,160.00
<i>a</i>	Township 2 south, range 4 west	do	10,092.49	607.27	.....	.....	12,321.00	.....	.....	.....	23,019.76
<i>a</i>	Township 3 north, range 3 east	Humboldt	15,730.09	.....	.....	.....	7,200.80	.....	.....	.....	22,930.80
<i>a</i>	Returned in previous reports	.....	854,401.14	66,231.62	.....	.....	813,651.05	101,941.31	43,462.23	381,912.66	2,261,600.01
<i>a</i>	Aggregate brought forward	.....	5,126,878.19	321,225.08	1,646.00	6,430.40	1,092,683.49	125,789.17	42,485.82	274,767.02	6,991,002.17
	Returned in previous reports	.....	854,401.14	66,231.62	.....	.....	813,651.05	151,941.31	43,462.23	381,912.66	2,261,600.01
	Total	.....	4,272,477.05	254,993.46	1,646.00	6,430.40	279,032.44	23,844.86	—976.41	—107,145.64	4,730,302.16

\* Townships omitted in report for last fiscal year.      *a* Townships returned in previous reports, the areas of which are changed by subsequent surveys or amendments.

## RECAPITULATION.

Acres public land surveyed	4,272,477.05
Acres, as per column A	254,993.46
Acres, as per column B	1,646.00
Acres, as per column C	6,430.40
Acres, as per column D	279,032.44
Acres, as per column E	23,844.86
	4,838,424.21
Deduct sum of minus quantities in columns F and remarks	108,122.05
Aggregate	4,730,302.16



F.—Plats made in the office of the United States surveyor general for California during the fiscal year 1879.

Description.	Originals.	Department.	Register.	Posting plats.	Skeleton maps.	Tracings for accounts.	Tracings for deputies.	Miscellaneous.	Total.
Maps of township exteriors.....	28	26							54
Maps of subdivisions.....	333	334	312						979
Plats of quartz and placer mines.....	132	134	133	254					653
Plats of private land claims.....	22	12			23	22			79
Sketches for deputy surveyors.....							140		140
Miscellaneous.....								203	203
	515	506	445	254	23	22	140	203	2, 108

Aggregate number of maps made, 2,108.

G.—Statement of transcripts of field notes of public surveys sent to the department at Washington, from the office of the United States surveyor general for California, during the fiscal year 1879-'80.

Name of deputy.	Date of contract.	Number of transcripts.	When sent.
L. D. Bond.....	July 23, 1878	11	Aug. 13, 1879
J. R. Glover.....	Apr. 23, 1879	11	Aug. 25, 1879
T. J. Dewoody.....	Nov. 12, 1877	1	Sept. 5, 1879
M. G. Wheeler.....	July 24, 1878	8	Sept. 11, 1879
Milton Santee.....	Apr. 24, 1879	13	Sept. 12, 1879
W. F. Benson.....	Apr. 23, 1879	12	Sept. 15, 1879
S. A. Hanson.....	Aug. 15, 1879	5	Sept. 15, 1879
A. G. Ruxton.....	Dec. 6, 1877	2	Sept. 16, 1879
G. W. Baker.....	Feb. 1, 1879	5	Sept. 18, 1879
William Minto.....	Apr. 24, 1879	4	Sept. 22, 1879
M. G. Wheeler.....	Oct. 2, 1878	1	Sept. 22, 1879
G. W. Baker.....	Apr. 23, 1879	11	Sept. 26, 1879
William H. Carlton (instructions).....	{ Apr. 28, 1876 July 19, 1878 }	{ 1 }	Oct. 1, 1879
L. B. Gorham.....	May 25, 1879	2	Oct. 1, 1879
S. A. Hanson.....	Aug. 9, 1879	3	Oct. 2, 1879
William Hesser (instructions).....	Sept. 15, 1877	1	Oct. 3, 1879
Charles Herrmann.....	Sept. 23, 1878	1	Oct. 10, 1879
N. L. Berdan.....	July 23, 1879	8	Oct. 16, 1879
S. A. Hanson.....	Aug. 9, 1879	2	Oct. 20, 1879
A. T. Herrmann.....	July 25, 1878	1	Oct. 18, 1879
William Minto.....	Apr. 24, 1879	15	Oct. 23, 1879
T. P. Woodward.....	Apr. 28, 1879	1	Oct. 28, 1879
W. H. Carleton.....	Sept. 16, 1878	3	Nov. 4, 1879
Alex. McKay.....	Oct. 6, 1873	2	Nov. 14, 1879
Milton Santee.....	Sept. 18, 1879	2	Nov. 28, 1879
Do.....	Sept. 18, 1879	3	Nov. 29, 1879
J. N. Chapman.....	Sept. 16, 1878	2	Dec. 1, 1879
S. A. Hanson.....	Aug. 9, 1879	6	Dec. 3, 1879
W. F. Benson.....	July 23, 1877	6	Dec. 5, 1879
J. R. Glover.....	Aug. 9, 1879	3	Dec. 9, 1879
Milton Santee.....	Oct. 28, 1879	1	Dec. 12, 1879
J. R. Glover.....	Aug. 7, 1879	1	Dec. 12, 1879
William Minto.....	Apr. 24, 1879	16	Dec. 13, 1879
J. G. Parke.....	Aug. 26, 1878	1	Dec. 13, 1879
J. R. Glover.....	Aug. 26, 1879	2	Dec. 15, 1879
L. D. Bond.....	July 1, 1879	1	Dec. 15, 1879
Do.....	July 1, 1879	2	Dec. 15, 1879
G. W. Baker.....	Aug. 9, 1879	2	Dec. 16, 1879
Do.....	Aug. 9, 1879	1	Dec. 16, 1879
D. D. Brown.....	May 12, 1879	4	Dec. 17, 1879
James E. Woods.....	Aug. 1, 1879	5	Dec. 18, 1879
J. R. Glover.....	Aug. 7, 1879	2	Dec. 19, 1879
John L. McCoy.....	Oct. 6, 1879	5	Dec. 27, 1879
L. D. Bond.....	July 1, 1879	2	Dec. 29, 1879
Do.....	July 1, 1879	1	Dec. 30, 1879



## G.—Statement of transcripts of field notes of public surveys, &amp;c.—Continued.

Name of deputy.	Date of contract.	Number of transcripts.	When sent.
G. W. Baker.....	Oct. 28, 1879	1	Dec. 31, 1879
J. R. Glover.....	June 14, 1879	2	Jan. 2, 1880
C. F. Putnam.....	Oct. 6, 1879	7	Jan. 3, 1880
S. W. Brunt.....	May 12, 1879	17	Jan. 7, 1880
P. T. Baker.....	May 24, 1879	1	Jan. 8, 1880
M. F. Reilly.....	Sept. 22, 1879	8	Jan. 10, 1880
S. A. Hanson.....	Oct. 7, 1879	3	Jan. 16, 1880
J. R. Glover.....	Sept. 12, 1879	5	Jan. 31, 1880
A. B. Beauvais.....	June 28, 1879	2	Jan. 16, 1880
S. A. Hanson.....	Aug. 9, 1879	3	Jan. 17, 1880
Milton Santee.....	Sept. 18, 1879	5	Jan. 29, 1880
S. A. Hanson.....	Feb. 11, 1879	7	Feb. 4, 1880
L. D. Bond.....	Sept. 26, 1879	11	Feb. 6, 1880
A. T. Herrmann.....	July 25, 1878	1	Feb. 9, 1880
Do.....	Jan. 3, 1879	1	Feb. 9, 1880
D. F. Spurr.....	Aug. 30, 1879	1	Feb. 19, 1880
S. A. Hanson.....	Nov. 2, 1878	1	Feb. 19, 1880
S. W. Brunt.....	Oct. 29, 1879	3	Mar. 2, 1880
W. H. Myrick.....	Nov. 20, 1879	5	Mar. 3, 1880
John L. McCoy.....	Aug. 1, 1879	2	Mar. 5, 1880
R. F. Herrick.....	July 18, 1878	1	Mar. 17, 1880
W. H. Norway.....	Oct. 20, 1879	9	Mar. 17, 1880
L. B. Gorham.....	Nov. 21, 1879	3	Mar. 18, 1880
William Minto.....	Oct. 22, 1879	5	Mar. 20, 1880
A. T. Herrmann.....	Aug. 12, 1879	2	Mar. 24, 1880
C. F. Putnam.....	Mar. 2, 1880	1	Mar. 30, 1880
N. L. Berdan.....	Oct. 19, 1879	17	Apr. 1, 1880
L. D. Bond.....	Dec. 3, 1879	5	Apr. 12, 1880
George B. Tolman.....	Sept. 11, 1876	6	Apr. 22, 1880
George Sandow.....	Sept. 9, 1879	5	Apr. 26, 1880
James E. Woods.....	Nov. 20, 1879	4	Apr. 27, 1880
Milton Santee.....	Jan. 10, 1880	1	May 5, 1880
William Minto.....	Oct. 22, 1879	2	May 8, 1880
L. D. Bond.....	Jan. 26, 1880	16	May 11, 1880
S. A. Hanson.....	July 23, 1878	12	May 12, 1880
F. G. Ward.....	Oct. 21, 1879	4	May 22, 1880
James E. Woods.....	Nov. 19, 1879	9	May 27, 1880
S. A. Hanson.....	Dec. 3, 1879	7	May 28, 1880
L. D. Bond.....	Jan. 26, 1880	4	June 4, 1880
George Sandow.....	Oct. 21, 1879	5	June 9, 1880
William Minto.....	Apr. 10, 1879	1	June 11, 1880
R. F. Herrick.....	.....	1	June 16, 1880
W. J. Lewis.....	Mar. 26, 1880	1	June 16, 1880
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G G.—Transcripts of field notes of public surveys sent to the United States land offices from the office of the United States surveyor general for California, during the fiscal year 1879-'80.

United States land office.	Description.	Date of contract.
Eureka.....	Exterior and subdivision of township 1 south, range 2 west, Humboldt meridian.	June 26, 1878
Do.....	Exterior and subdivision of township 2 south, range 2 west, Humboldt meridian.	Mar. 2, 1877
Do.....	Exterior of township 2 south, range 7 east, Humboldt meridian.....	May 12, 1879
Do.....	Exterior of township 5 south, range 7 east, Humboldt meridian.....	July 11, 1877
Do.....	Exterior and subdivision of township 5 north, range 3 east, Humboldt meridian.	Nov. 21, 1876
Do.....	Subdivision of township 7 north, range 3 east, Humboldt meridian.....	Aug. 24, 1875
Do.....	Exterior of township 10 north, range 1 east, Humboldt meridian.....	July 23, 1878
Do.....	Exterior of townships 1 and 2 south, range 1 east, Humboldt meridian.	Aug. 1, 1879
Do.....	Subdivision of township 1 south, range 1 east, Humboldt meridian.....	Aug. 1, 1879
Do.....	Subdivision of township 2 south, range 2 east, Humboldt meridian.....	Aug. 1, 1879
Do.....	Subdivision of township 1 south, range 6 east, Humboldt meridian.....	May 12, 1879
Do.....	Subdivision of township 5 south, range 3 east, Humboldt meridian.....	Aug. 1, 1879
Do.....	Subdivision of township 5 south, range 4 east, Humboldt meridian.....	Aug. 1, 1879
Do.....	Subdivision of township 30 north, range 12 west, Humboldt meridian..	Oct. 29, 1879
Do.....	Subdivision of township 30 north, range 11 west, Humboldt meridian..	Oct. 29, 1879
Do.....	Exterior of township 30 north, ranges 11 and 12 west, Humboldt meridian.	Oct. 29, 1879



G G.—*Transcripts of field notes of public surveys, &c.*—Continued.

United States land office.	Description.	Date of con- tract.
Eureka .....	Interior of township 2 south, range 1 west, Humboldt meridian.....	July 18, 1878
Do.....	Subdivision of township 11 north, range 1 east, Humboldt meridian....	July 23, 1878
Do.....	Humboldt meridian of townships 10, 11, 12, and 13 north, range 1 east..	July 23, 1878
Do.....	West boundary, H. V. R., of townships 7 and 8 north, range 3 east, and townships 8 and 9 north, range 2 east, Humboldt meridian.	.....
Do.....	North boundary, H. V. R., Indian reservation, Humboldt meridian.....	Aug. 24, 1875
Do.....	Exterior of township 5 south, range 4 east, Humboldt meridian.....	Aug. 1, 1879
Do.....	Exterior of township 7 north, range 3 east, and townships 8 and 9 north, range 2 east, Humboldt meridian.	Aug. 24, 1875
Do.....	Humboldt meridian line of townships 9 north, ranges 1 west and 1 east } Exterior of township 8 north, range 3 east, Humboldt meridian..... } Exterior of township 9 north, ranges 1 and 3 east, Humboldt meridian }	Aug. 24, 1875
Do.....	Subdivision of township 9 north, range 1 west, Humboldt meridian ...	Aug. 24, 1875
Susanville .....	Subdivision of township 25 north, range 10 east, Mount Diablo meridian.	Sept. 18, 1879
Do.....	Subdivision of township 24 north, range 16 east, Mount Diablo meridian.	Sept. 29, 1879
Do.....	Subdivision of township 26 north, range 15 east, Mount Diablo meridian.	Oet. 28, 1879
Do.....	Subdivision of township 27 north, range 13 east, Mount Diablo meridian.	Sept. 18, 1879
Do.....	Subdivision of township 29 north, range 15 east, Mount Diablo meridian.	Apr. 24, 1879
Do.....	West boundary of township 29 north, range 15 east, Mount Diablo meridian.	Apr. 24, 1879
Do.....	South boundary of township 30 north, range 17 east, Mount Diablo meridian.	May 6, 1879
Do.....	West and north boundary of township 32 north, range 15 east, Mount Diablo meridian.	Apr. 24, 1879
Do.....	Subdivision of township 27 north, range 14 east, Mount Diablo meridian.	Sept. 18, 1879
Do.....	Portion of exterior of township 27 north, range 13 east, Mount Diablo meridian.	Sept. 18, 1879
Do.....	Subdivision of township 29 north, range 17 east, Mount Diablo meridian.	Sept. 18, 1879
Do.....	Exterior of township 29 north, range 17 east, and townships 31 and 32 north, range 14 east, Mount Diablo meridian.	Sept. 18, 1875
Do.....	The ninth standard north, range 17 east, Mount Diablo meridian.....	Apr. 24, 1879
Do.....	Subdivision of township 32 north, range 15 east, Mount Diablo meridian.	Apr. 24, 1879
Do.....	West and north boundary of townships 32 north, range 16 east, Mount Diablo meridian.	Apr. 24, 1879
Do.....	Subdivision of township 32 north, range 16 east, Mount Diablo meridian.	Apr. 24, 1879
Do.....	West boundary of township 33 north, range 15 east, Mount Diablo meridian.	Apr. 24, 1879
Do.....	West boundary of township 37 north, range 16 east, Mount Diablo meridian.	Apr. 24, 1879
Do.....	West boundary of township 38 north, range 16 east, Mount Diablo meridian.	Apr. 24, 1879
Do.....	Exterior of township 45 north, range 15 east, Mount Diablo meridian..	Apr. 24, 1879
Do.....	Boundary of township 45 north, range 17 east, Mount Diablo meridian..	Apr. 24, 1879
Do.....	Boundary of township 46 north, range 15 east, Mount Diablo meridian..	Apr. 24, 1879
Do.....	Boundary of township 47 north, range 17 east, Mount Diablo meridian.	Apr. 24, 1879
Do.....	West boundary of township 48 north, range 17 east, Mount Diablo meridian.	Apr. 24, 1879
Do.....	West boundary of township 46 north, range 17 east, Mount Diablo meridian.	Apr. 24, 1879
Do.....	A portion of the exterior lines of townships 24 and 25 north, range 16 east, Mount Diablo meridian.	Sept. 8, 1879
Do.....	Subdivision of township 30 north, range 8 west, Mount Diablo meridian	Aug. 15, 1879
Do.....	Subdivision of township 32 north, range 14 east, Mount Diablo meridian	Sept. 18, 1879
Do.....	Subdivision of township 37 north, range 10 east, Mount Diablo meridian.	July 23, 1878
Do.....	Boundary of township 47 north, range 16 east, Mount Diablo meridian.	Apr. 24, 1879
Do.....	Subdivision of township 38 north, range 10 east, Mount Diablo meridian.	July 23, 1878
Do.....	Subdivision of township 39 north, range 11 east, Mount Diablo meridian.	July 23, 1878
Do.....	Subdivision of township 39 north, range 10 east, Mount Diablo meridian.	July 23, 1878
Do.....	Subdivision of township 40 north, range 12 east, Mount Diablo meridian.	Oet. 28, 1879
Do.....	Subdivision of township 22 north, range 17 east, Mount Diablo meridian.	Dec. 3, 1879
Do.....	Subdivision of township 33 north, range 15 east, Mount Diablo meridian	Apr. 24, 1879
Do.....	Subdivision of township 30 north, range 17 east, Mount Diablo meridian.	Apr. 24, 1879
Do.....	Subdivision of township 30 north, range 12 east, Mount Diablo meridian.	July 25, 1878
Do.....	Subdivision of township 30 north, range 15 east, Mount Diablo meridian.	July 25, 1878
Do.....	Subdivision of township 31 north, range 17 east, Mount Diablo meridian.	July 25, 1878
Do.....	Subdivision of township 31 north, range 13 east, Mount Diablo meridian.	July 25, 1878
Do.....	Subdivision of township 32 north, range 17 east, Mount Diablo meridian.	July 25, 1878
Do.....	Subdivision of township 33 north, range 17 east, Mount Diablo meridian.	July 25, 1878
Do.....	Subdivision of township 33 north, range 16 east, Mount Diablo meridian.	Apr. 24, 1879
Do.....	Retracing sixth standard north, range 15 east, Mount Diablo meridian	July 25, 1878
Do.....	Exterior of townships 39 and 40 north, ranges 14 and 15 east, Mount Diablo meridian.	Oct. 21, 1879
Do.....	Subdivision of township 33 north, range 14 east, Mount Diablo meridian.	Sept. 18, 1879
Do.....	Subdivision of township 34 north, range 16 east, Mount Diablo meridian.	Apr. 24, 1879
Do.....	Subdivision of township 39 north, range 15 east, Mount Diablo meridian.	Oet. 21, 1879
Do.....	Subdivision of township 40 north, range 14 east, Mount Diablo meridian.	Oet. 21, 1879
Do.....	Subdivision of township 40 north, range 15 east, Mount Diablo meridian.	Oet. 20, 1858
Do.....	Subdivision of township 26 north, range 12 east, Mount Diablo meridian.	Jan. 10, 1880
San Francisco..	Exterior retracing of township 17 north, range 12 west, Mount Diablo meridian.	Dec. 30, 1878



G G.—*Transcripts of field notes of public surveys, &c.*—Continued.

United States land office.	Description.	Date of con- tract.
San Francisco..	Subdivision and retracing of township 17 north, range 12 west, Mount Diablo meridian.	Dec. 30, 1878
Do.....	Subdivision of township 20 north, range 12 west, Mount Diablo meridian.	Sept. 24, 1877
Do.....	Subdivision of township 21 north, range 9 west, Mount Diablo meridian.	Oct. 6, 1879
Do.....	Subdivision of township 21 north, range 10 west, Mount Diablo meridian.	Oct. 6, 1879
Do.....	Subdivision of township 22 north, range 9 west, Mount Diablo meridian.	Oct. 6, 1879
Do.....	Subdivision of township 24 north, range 9 east, Mount Diablo meridian.	Aug. 7, 1879
Do.....	Fourth standard, along south boundary of township 21 north, range 13 west, Mount Diablo meridian.	Aug. 16, 1877
Do.....	Exterior and retracing of township 25 south, ranges 8 and 9 east, Mount Diablo meridian.	Aug. 7, 1879
Do.....	Subdivision of township 23 south, range 8 east, Mount Diablo meridian.	Aug. 26, 1879
Do.....	Exterior and subdivision of township 5 south, range 3 east, Mount Diablo meridian.	Feb. 11, 1879
Do.....	Portion of exterior of township 6 south, range 4 east, Mount Diablo meridian.	Feb. 11, 1879
Do.....	Subdivision of township 6 south, range 4 east, Mount Diablo meridian.	Feb. 11, 1879
Do.....	Portion of subdivision of township 6 south, range 5 east, Mount Diablo meridian.	Feb. 11, 1879
Do.....	Exterior of township 10 south, range 2 east, Mount Diablo meridian...	June 14, 1879
Do.....	Interior of township 17 south, range 1 west, Mount Diablo meridian...	July 25, 1878
Do.....	Portion subdivision of township 20 north, range 13 west, Mount Diablo meridian.	Aug. 14, 1877
Do.....	Exterior of townships 21 and 22 north, ranges 9, 10, and 11 west, Mount Diablo meridian.	Oct. 6, 1879
Do.....	Subdivision of township 22 north, range 10 west, Mount Diablo meridian.	Oct. 6, 1879
Do.....	Interior of township 23 south, range 5 east, Mount Diablo meridian...	Jan. 3, 1879
Do.....	Exterior of township 24 south, range 8 east, Mount Diablo meridian...	Aug. 9, 1879
Do.....	Subdivision of township 25 south, range 8 east, Mount Diablo meridian.	Aug. 7, 1879
Do.....	Portion of exterior of township 26 south, range 9 east, Mount Diablo meridian.	Sept. 12, 1879
Do.....	Portion of subdivision of township 27 south, range 10 east, Mount Diablo meridian.	Sept. 12, 1879
Do.....	Subdivision of township 9 north, range 11 west, Mount Diablo meridian.	Dec. 26, 1878
Do.....	Supplemental subdivision of township 11 north, range 11 west, Mount Diablo meridian.	Aug. 30, 1879
Do.....	Subdivision of township 24 south, range 8 east, Mount Diablo meridian.	Aug. 9, 1879
Do.....	Subdivision of township 19 north, range 7 west, Mount Diablo meridian.	Nov. 21, 1879
Do.....	Subdivision of township 21 north, range 8 west, Mount Diablo meridian.	Nov. 21, 1879
Do.....	Portion of exterior of township 23 north, ranges 9 and 10 west, Mount Diablo meridian.	Nov. 21, 1879
Do.....	Subdivision of township 24 north, range 17 west, Mount Diablo meridian.	Sept. 24, 1877
Do.....	Subdivision of township 26 south, range 9 east, Mount Diablo meridian.	Sept. 12, 1879
Do.....	Subdivision of township 10 south, range 2 east, Mount Diablo meridian.	June 14, 1879
Do.....	Subdivision of township 23 north, range 10 west, Mount Diablo meridian.	Nov. 21, 1879
Do.....	Exterior of townships 7 and 8 south, range 1 east, Mount Diablo meridian.	Aug. 12, 1879
Do.....	North boundary of township 9 north, range 11 west, Mount Diablo meridian.	Dec. 26, 1878
Do.....	Subdivision of township 14 south, range 5 east, Mount Diablo meridian.	Dec. 10, 1874
Do.....	Subdivision of township 17 north, range 17 west, Mount Diablo meridian.	Sept. 15, 1877
Do.....	Exterior retracing of township 19 north, range 13 west, Mount Diablo meridian.	Mar. 25, 1879
Do.....	Interior retracing of township 19 north, range 13 west, Mount Diablo meridian.	Mar. 25, 1879
Do.....	Exterior boundary of township 11 north, range 24 west, San Bernardino meridian.	Oct. 2, 1873
Do.....	Exterior boundary of township 10 north, range 24 west, San Bernardino meridian.	Oct. 2, 1873
Do.....	Exterior boundary of township 32 south, range 23 east, Mount Diablo meridian.	Oct. 2, 1873
Do.....	Exterior boundary of township 32 south, range 24 east, Mount Diablo meridian.	Oct. 2, 1873
Do.....	Exterior boundary of township 32 south, range 24 east, Mount Diablo meridian.	Oct. 2, 1873
Do.....	Exterior and subdivision of township 4 south, range 3 east, Mount Diablo meridian.	Feb. 11, 1879
Do.....	Subdivision of township 23 north, range 9 west, Mount Diablo meridian.	Nov. 21, 1879
Do.....	Portion of exterior of townships 17 and 18, 15 and 16 north, ranges 6 and 7 west, Mount Diablo meridian.	Nov. 20, 1879
Do.....	Subdivision of township 16 north, range 6 west, Mount Diablo meridian.	Nov. 20, 1879
Do.....	Subdivision of township 17 north, range 7 west, Mount Diablo meridian.	Nov. 20, 1879
Do.....	Subdivision of township 12 north, range 9 west, Mount Diablo meridian.	Feb. 18, 1878
Do.....	Exterior boundary of township 1 north, range 1 west, Mount Diablo meridian.	Dec. 28, 1872
Do.....	South boundary of township 6 south, range 4 east, Mount Diablo meridian.	Dec. 28, 1872
Do.....	Exterior boundary of township 1 south, range 1 east, Mount Diablo meridian.	Dec. 28, 1872
Do.....	Subdivision of township 1 south, range 1 west, Mount Diablo meridian.	Dec. 28, 1872
Do.....	Subdivision of township 8 south, range 1 west, Mount Diablo meridian.	Oct. 16, 1858
Do.....	Fraction of township 8 south, range 1 east, Mount Diablo meridian....	Oct. 16, 1858
Do.....	Fraction of township 10 south, range 1 west, Mount Diablo meridian...	Oct. 16, 1858



G G.—*Transcripts of field notes of public surveys, &c.*—Continued.

United States land office.	Description.	Date of con- tract.
San Francisco..	Between townships 10 and 11 south, range 1 west, Mount Diablo merid- ian.	Oct. 16, 1858
Do.....	Subdivision and meander of township 11 south, range 1 west, Mount Diablo meridian.	Oct. 20, 1858
Do.....	Subdivision of township 26 south, range 10 east, Mount Diablo meridian.	Sept. 12, 1879
Do.....	Subdivision of township 27 south, range 11 east, Mount Diablo meridian.	Sept. 12, 1879
Do.....	First standard parallel of township 4 south, range 1 east, Mount Diablo meridian.	Oct. 23, 1867
Do.....	Subdivision of township 4 south, range 1 east, Mount Diablo meridian.	Oct. 23, 1867
Do.....	Subdivision of township 13 north, range 5 west, Mount Diablo meridian.	Nov. 19, 1879
Do.....	Subdivision of township 20 south, range 11 west, Mount Diablo meridian.	Sept. 11, 1876
Do.....	Fifth standard south of township 21 south, range 10 east, Mount Diablo meridian.	Feb. 10, 1877
Do.....	Exterior of township 24 south, range 16 east, Mount Diablo meridian ..	Sept. 2, 1872
Do.....	Subdivision of township 24 south, range 16 east, Mount Diablo meridian.	Sept. 2, 1872
Stockton.....	Meander of township 1 north, range 6 east, Mount Diablo meridian ....	July 23, 1877
Do.....	Exterior of townships 9, 10, 11, 12; 9, 10, and 11 south, ranges 15 and 16 east, Mount Diablo meridian.	Aug. 26, 1853
Do.....	Exterior of townships 9, 10, 11, 12; 9 south, ranges 13 and 14 east, Mount Diablo meridian.	Aug. 26, 1853
Do.....	Exterior of townships 9, 10, 11, and 12 south, range 17 east, Mount Diablo meridian.	Aug. 26, 1853
Do.....	Meander of township 1 north, range 5 east, Mount Diablo meridian....	July 23, 1877
Do.....	Meander of township 1 south, range 6 east, Mount Diablo meridian....	July 23, 1879
Do.....	Exterior boundary of township 1 south, ranges 18, 19, and 20 east, Mount Diablo meridian.	June 28, 1879
Do.....	Exterior and subdivision of township 5 south, range 7 east, Mount Diablo meridian.	Feb. 11, 1879
Do.....	Third standard south of township 12 south, ranges 25 and 26 east, Mount Diablo meridian.	Apr. 23, 1879
Do.....	Exterior of township 2 north, range 5 east, Mount Diablo meridian....	July 23, 1879
Do.....	Exterior (portion of) of township 1 north, range 6 east, Mount Diablo meridian.	July 23, 1879
Do.....	Subdivision of township 3 north, range 10 east, Mount Diablo meridian.	Feb. 11, 1879
Do.....	Meander of township 2 north, range 5 east, Mount Diablo meridian....	July 23, 1877
Do.....	Subdivision of township 1 south, range 15 east, Mount Diablo meridian.	Dec. 3, 1879
Do.....	Subdivision of township 5 north, range 14 east, Mount Diablo meridian.	Aug. 4, 1873
Do.....	Subdivision of township 5 north, range 13 east, Mount Diablo meridian.	Aug. 4, 1873
Do.....	Subdivision of township 6 north, range 14 east, Mount Diablo meridian.	Aug. 4, 1873
Do.....	Subdivision of township 6 north, range 15 east, Mount Diablo meridian.	Aug. 4, 1873
Do.....	Exterior of township 5 south, range 21 east, Mount Diablo meridian...	Oct. 5, 1871
Visalia .....	Subdivision of township 14 south, range 28 east, Mount Diablo meridian.	Apr. 23, 1879
Do.....	Subdivision of township 14 south, range 29 east, Mount Diablo meridian.	Apr. 23, 1879
Do.....	Subdivision of township 14 south, range 30 east, Mount Diablo meridian.	Apr. 23, 1879
Do.....	Subdivision of township 15 south, range 29 east, Mount Diablo meridian.	Apr. 23, 1879
Do.....	Subdivision of township 15 south, range 30 east, Mount Diablo meridian.	Apr. 23, 1879
Do.....	Subdivision of township 22 south, range 29 east, Mount Diablo meridian.	July 23, 1878
Do.....	Subdivision of township 27 south, range 32 east, Mount Diablo meridian.	July 23, 1878
Do.....	Exterior of township 20 south, ranges 29 and 30 east, Mount Diablo me- ridian.	Sept. 2, 1878
Do.....	Subdivision of township 13 south, range 25 east, Mount Diablo meridian.	Apr. 23, 1879
Do.....	Portion of exterior of townships 13 and 14 south, ranges 26, 27, 28, 29, and 30, and township 15 south, range 29 east, Mount Diablo meridian.	Apr. 23, 1879
Do.....	Fourth standard parallel of townships 16 and 17 south, ranges 29, 30, 31, 32, and 33 east, Mount Diablo meridian.	May 24, 1879
Do.....	Portion of subdivision of township 13 south, range 27 east, Mount Diablo meridian.	Apr. 23, 1879
Do.....	Portion of subdivision of township 24 south, range 31 east, Mount Diablo meridian.	July 23, 1878
Do.....	Subdivision of township 28 south, range 31 east, Mount Diablo meridian.	July 23, 1878
Do.....	Portion of exterior of township 29 south, range 31 east, Mount Diablo meridian.	July 23, 1878
Do.....	Subdivision of township 13 south, range 28 east, Mount Diablo meridian.	Apr. 23, 1879
Do.....	Subdivision of township 25 south, range 29 east, Mount Diablo meridian.	July 23, 1878
Do.....	Subdivision of township 25 south, range 31 east, Mount Diablo meridian.	July 23, 1878
Do.....	Subdivision of township 26 south, range 31 east, Mount Diablo meridian.	July 23, 1878
Do.....	Sixth standard of township 25 south, ranges 31 and 32 east, Mount Diablo meridian.	July 23, 1878
Do.....	Exterior of township 29 south, range 31 east, Mount Diablo meridian..	June 23, 1878
Do.....	Subdivision of township 13 south, range 26 east, Mount Diablo meridian.	Apr. 23, 1879
Do.....	Subdivision of township 20 south, ranges 29 and 30 east, Mount Diablo meridian.	Sept. 2, 1878
Do.....	Subdivision of township 28 south, range 31 east, Mount Diablo meridian.	July 23, 1878
Do.....	Subdivision of township 29 south, range 31 east, Mount Diablo meridian.	July 23, 1878
Sacramento....	Subdivision of township 6 north, range 19 east, Mount Diablo meridian.	May 14, 1879
Do.....	Subdivision of townships 6 and 7 north, range 20 east, Mount Diablo meridian.	May 14, 1879
Do.....	North and east boundary of township 6 north, range 19 east, Mount Diablo meridian.	May 14, 1879
Do.....	Subdivision of township 7 north, range 19 east, Mount Diablo meridian.	May 14, 1879
Do.....	Meander of township 2 north, range 5 east, Mount Diablo meridian....	July 23, 1877



G G.—*Transcripts of field notes of public surveys, &c.*—Continued.

United States land office.	Description.	Date of con- tract.
Sacramento ....	Extension and subdivision of township 6 north, range 18 east, Mount Diablo meridian.	May 14, 1879
Do.....	North boundary lines of township 9 north, range 11 west, Mount Diablo meridian.	Dec. 26, 1878
Do.....	Examination of portion of township 16 north, range 10 east, Mount Diablo meridian.	Feb. 15, 1879
Do.....	Subdivision of township 7 north, range 22 east, Mount Diablo meridian.	Aug. 9, 1879
Do.....	Subdivision of township 13 north, range 12 east, Mount Diablo meridian.	Mar. 4, 1875
Do.....	Subdivision of township 13 north, range 13 east, Mount Diablo meridian.	Mar. 4, 1875
Do.....	Extension of township 13 north, range 14 east, and townships 13 and 14 north, range 13 east, Mount Diablo meridian.	Mar. 4, 1875
Do.....	Exterior of townships 13, 14, and 15 north, range 12 east, Mount Diablo meridian.	Mar. 4, 1875
Do.....	Subdivision of township 16 north, range 13 east, Mount Diablo meridian.	Mar. 4, 1875
Do.....	South boundary of township 16 north, range 13 east, Mount Diablo meridian.	Mar. 4, 1875
Do.....	East boundary of township 16 north, range 12 east, Mount Diablo meridian.	Mar. 22, 1873
Do.....	Subdivision of township 20 north, range 12 east, Mount Diablo meridian.	July 10, 1877
Do.....	Exterior and subdivision of township 10 north, range 13 east, Mount Diablo meridian.	Aug. 4, 1873
Bodie .....	Subdivision of township 2 south, range 27 east, Mount Diablo meridian.	Aug. 9, 1879
Do.....	Exterior of township 2 south, range 30 east, Mount Diablo meridian ...	Aug. 9, 1879
Do.....	Subdivision of township 2 south, range 30 east, Mount Diablo meridian.	July 1, 1879
Do.....	Exterior of township 2 south, range 26 east, and township 2 south, ranges 26, 27, and 28 east, Mount Diablo meridian.	Aug. 9, 1879
Do.....	Subdivision of township 4 south, range 27 east, Mount Diablo meridian.	Apr. 18, 1879
Do.....	Subdivision and meander of township 2 north, range 27 east, Mount Diablo meridian.	July 23, 1878
Do.....	Exterior of township 3 north, range 25 east, Mount Diablo meridian ...	Nov. 2, 1878
Do.....	Portion of subdivision of township 4 south, range 27 east, Mount Diablo meridian.	July 23, 1878
Do.....	Subdivision of township 4 north, range 26 east, Mount Diablo meridian.	July 23, 1878
Do.....	Subdivision of township 5 north, range 27 east, Mount Diablo meridian.	July 23, 1878
Do.....	Portion of exterior and subdivision of township 1 south, range 32 east, Mount Diablo meridian.	July 1, 1879
Do.....	Portion of subdivision of township 2 south, range 26 east, Mount Diablo meridian.	Aug. 9, 1879
Do.....	Subdivision of township 2 south, range 28 east, Mount Diablo meridian.	Aug. 9, 1879
Do.....	Subdivision of township 2 south, range 31 east, Mount Diablo meridian.	July 1, 1879
Do.....	Subdivision of township 3 south, range 31 east, Mount Diablo meridian.	Oct. 7, 1879
Do.....	Subdivision of township 3 south, range 32 east, Mount Diablo meridian.	Oct. 7, 1879
Do.....	Subdivision of township 4 south, range 32 east, Mount Diablo meridian.	Oct. 7, 1879
Do.....	Subdivision of township 5 south, range 32 east, Mount Diablo meridian.	Sept. 26, 1879
Do.....	Subdivision of township 6 south, range 35 east, Mount Diablo meridian.	Aug. 9, 1879
Do.....	Subdivision (portion of) of township 7 south, range 32 east, Mount Diablo meridian.	Sept. 26, 1879
Do.....	Subdivision of township 7 south, range 35 east, Mount Diablo meridian.	Aug. 9, 1879
Do.....	Subdivision of township 8 south, range 32 east, Mount Diablo meridian.	Sept. 26, 1879
Do.....	Subdivision of township 8 south, range 31 east, Mount Diablo meridian.	Sept. 26, 1879
Do.....	Portion of exterior of township 2 south, range 31 east, Mount Diablo meridian.	July 1, 1879
Do.....	Second standard south, north boundary of township 9 south, range 32 east, Mount Diablo meridian.	Sept. 26, 1879
Do.....	Exterior of townships 3, 4, 5, 7, and 8 south, ranges 31 and 32 east, and township 9 south, range 32 east, Mount Diablo meridian.	Sept. 26, 1879
Do.....	Exterior (portion of) of townships 6 and 7 south, range 35 east, Mount Diablo meridian.	Aug. 9, 1879
Do.....	Subdivision (portion of) of township 5 south, range 31 east, Mount Diablo meridian.	Sept. 26, 1879
Do.....	Exterior of townships 1, 2, 3, and 4 north, ranges 28, 29, and 30 east, Mount Diablo meridian.	July 23, 1878
Do.....	Subdivision of township 1 north, range 32 east, Mount Diablo meridian.	July 23, 1878
Do.....	Subdivision of township 2 north, range 30 east, Mount Diablo meridian.	July 23, 1878
Do.....	Subdivision of township 2 north, range 25 east, Mount Diablo meridian.	Nov. 2, 1878
Do.....	Subdivision of township 2 north, range 31 east, Mount Diablo meridian.	July 23, 1878
Do.....	Subdivision of township 2 south, range 29 east, Mount Diablo meridian.	July 23, 1878
Do.....	Subdivision (portion of) of township 6 south, range 38 east, Mount Diablo meridian.	Oct. 19, 1879
Do.....	South boundary of township 1 north, range 29 east, Mount Diablo meridian.	Aug. 9, 1879
Do.....	Exterior of township 1 south, range 29 east, Mount Diablo meridian ...	Aug. 9, 1879
Do.....	Subdivision of township 5 south, range 38 east, Mount Diablo meridian.	Oct. 19, 1879
Do.....	Subdivision of township 5 south, range 36 east, Mount Diablo meridian.	Oct. 19, 1879
Do.....	Subdivision of township 5 south, range 37 east, Mount Diablo meridian.	Oct. 19, 1879
Do.....	Exterior of township 5 south, ranges 36 and 37 east; township 6 south, ranges 36, 37, and 38 east; township 7 south, ranges 36, 37, and 38 east; township 8 south, ranges 35 and 38 east; township 9 south, ranges 38 and 39 east, Mount Diablo meridian.	Oct. 19, 1879
Do.....	Subdivision of township 7 south, range 38 east, Mount Diablo meridian.	Oct. 19, 1879
Do.....	Subdivision of township 8 south, range 35 east, Mount Diablo meridian.	Oct. 19, 1879



G G.—*Transcripts of field notes of public surveys, &c.*—Continued.

United States land office.	Description.	Date of contract.
Bodie .....	Standard of township 8 south, ranges 34, 35, 37, and 38 east, Mount Diablo meridian.	Oct. 19, 1879
Do .....	Portion of subdivision of township 8 south, range 36 east, Mount Diablo meridian.	Oct. 21, 1879
Do .....	Portion of subdivision of township 9 south, range 39 east, Mount Diablo meridian.	Oct. 19, 1879
Do .....	Portion of subdivision of township 9 south, range 33 east, Mount Diablo meridian.	Sept. 26, 1879
Do .....	Portion of subdivision of township 9 south, range 38 east, Mount Diablo meridian.	Oct. 19, 1879
Do .....	Portion of subdivision of township 9 south, range 32 east, Mount Diablo meridian.	Sept. 26, 1879
Do .....	Standard of township 29 south, ranges 31, 32, 33, and 34 east, Mount Diablo meridian.	July 23, 1878
Do .....	Mount Diablo base of township 1 north, ranges 31 and 32 east, Mount Diablo meridian.	July 23, 1878
Do .....	Subdivision of township 6 north, range 26 east, Mount Diablo meridian.	Dec. 3, 1879
Do .....	Subdivision of township 1 south, range 28 east, Mount Diablo meridian.	Dec. 3, 1879
Do .....	Subdivision of township 1 south, range 29 east, Mount Diablo meridian.	Aug. 9, 1879
Do .....	Exterior of township 3 south, range 30 east, Mount Diablo meridian.	Aug. 9, 1879
Do .....	Subdivision of township 6 south, range 36 east, Mount Diablo meridian.	Oct. 19, 1879
Do .....	Subdivision of township 8 south, range 37 east, Mount Diablo meridian.	Oct. 19, 1879
Do .....	Subdivision of township 7 south, range 37 east, Mount Diablo meridian.	Oct. 19, 1879
Do .....	Subdivision of township 7 south, range 36 east, Mount Diablo meridian.	Oct. 19, 1879
Do .....	Boundary of township 20 south, range 36 east, Mount Diablo meridian.	Sept. 29, 1873
Do .....	Subdivision of township 8 south, range 38 east, Mount Diablo meridian.	Oct. 19, 1879
Do .....	Fourth standard of township 17 south, ranges 34 and 35 east, Mount Diablo meridian.	Sept. 29, 1873
Do .....	Boundary of township 17 south, range 34 east, Mount Diablo meridian.	Sept. 29, 1873
Do .....	Boundary of township 17 south, range 35 east, Mount Diablo meridian.	Sept. 29, 1873
Do .....	Boundary of township 18 south, range 34 east, Mount Diablo meridian.	Sept. 29, 1873
Do .....	Boundary of township 18 south, range 35 east, Mount Diablo meridian.	Sept. 29, 1873
Do .....	Boundary of township 22 south, range 34 east, Mount Diablo meridian.	Sept. 29, 1873
Do .....	Fifth standard of township 21 south, range 36 east, Mount Diablo meridian.	Sept. 29, 1873
Do .....	Boundary of township 22 south, range 36 east, Mount Diablo meridian.	Sept. 29, 1873
Do .....	Subdivision of township 28 south, range 33 east, Mount Diablo meridian.	July 23, 1878
Do .....	Subdivision of township 3 north, range 30 east, Mount Diablo meridian.	July 23, 1878
Do .....	Subdivision of township 3 north, range 29 east, Mount Diablo meridian.	July 23, 1878
Do .....	Subdivision of township 4 north, range 28 east, Mount Diablo meridian.	July 23, 1878
Do .....	Subdivision of township 4 north, range 29 east, Mount Diablo meridian.	July 23, 1878
Do .....	Subdivision of township 5 north, range 28 east, Mount Diablo meridian.	July 23, 1878
Do .....	Subdivision of township 21 north, range 11 east, San Bernardino meridian.	July 23, 1878
Do .....	Subdivision of township 22 north, range 10 east, San Bernardino meridian.	July 23, 1878
Do .....	Subdivision of township 22 north, range 9 east, San Bernardino meridian.	July 23, 1878
Do .....	Subdivision of township 23 north, range 8 east, San Bernardino meridian.	July 23, 1878
Do .....	Subdivision of township 26 north, range 5 east, San Bernardino meridian.	July 23, 1878
Do .....	Subdivision of township 25 north, range 6 east, San Bernardino meridian.	July 23, 1878
Do .....	Subdivision of township 24 north, range 7 east, San Bernardino meridian.	July 23, 1878
Do .....	Subdivision of township 25 north, range 7 east, San Bernardino meridian.	July 23, 1878
Do .....	Subdivision of township 6 north, range 25 east, Mount Diablo meridian.	Dec. 3, 1879
Do .....	Subdivision of township 1 south, range 26 east, Mount Diablo meridian.	Aug. 9, 1879
Do .....	Subdivision of township 3 south, range 30 east, Mount Diablo meridian.	Aug. 9, 1879
Do .....	Subdivision of township 11 south, range 37 east, Mount Diablo meridian.	Jan. 26, 1880
Do .....	Subdivision of township 13 south, range 39 east, Mount Diablo meridian.	Jan. 26, 1880
Do .....	Subdivision of township 19 south, range 34 east, Mount Diablo meridian.	Sept. 4, 1873
Do .....	Subdivision of township 20 south, range 36 east, Mount Diablo meridian.	Sept. 29, 1873
Do .....	Exterior of township 9 south, ranges 34, 35, 36, and 37 east; township 10 south, range 36 east; township 11 south, range 37 east; township 12 south, ranges 37 and 39 east; township 13 south, ranges 38 and 39 east; township 14 south, ranges 38 and 39 east; township 15 south, ranges 38 and 39 east; and township 15 south, range 40 east, Mount Diablo meridian.	Jan. 28, 1880
Do .....	Exterior of township 3 north, range 25 east, Mount Diablo meridian.	Dec. 3, 1879
Do .....	Exterior of township 7 north, range 24 east, Mount Diablo meridian.	Dec. 3, 1879
Do .....	Subdivision of township 7 north, range 24 east, Mount Diablo meridian.	Dec. 3, 1879
Do .....	Subdivision of township 23 north, range 9 east, San Bernardino meridian.	July 23, 1878
Do .....	Subdivision of township 24 north, range 8 east, San Bernardino meridian.	July 23, 1878
Do .....	Subdivision of township 27 north, range 5 east, San Bernardino meridian.	July 23, 1878
Do .....	Subdivision of township 13 south, range 37 east, Mount Diablo meridian.	Jan. 26, 1880
Do .....	Subdivision of township 15 south, range 40 east, Mount Diablo meridian.	Jan. 26, 1880
Do .....	Subdivision of township 15 south, range 39 east, Mount Diablo meridian.	Jan. 26, 1880
Do .....	Subdivision of township 17 south, range 35 east, Mount Diablo meridian.	Sept. 29, 1873
Do .....	Boundary of township 20 south, range 35 east, Mount Diablo meridian.	June 28, 1873
Los Angeles...	Exterior and subdivision of township 1 south, range 9 west, San Bernardino meridian.	Mar. 31, 1875
Do .....	Subdivision of township 1 north, range 8 west, San Bernardino meridian.	Sept. 4, 1874
Do .....	Resurvey of east boundary of township 2 north, range 21 west, San Bernardino meridian.	Verbal instructions.



G G.—*Transcripts of field notes of public surveys, &c.*—Continued.

United States land office.	Description.	Date of con- tract.
Los Angeles ...	Subdivision of townships 2 and 3 north, range 21 west, San Bernardino meridian.	Sept. 18, 1878
Do.....	Subdivision and exterior of township 8 south, range 1 east, San Bernardino meridian.	Dec. 26, 1877
Do.....	Subdivision and exterior of township 9 south, range 3 west, San Bernardino meridian.	July 24, 1879
Do.....	Section and tp. of townships 9 and 10 north, ranges 21, 22, and 23 west, San Bernardino meridian.	Aug. 26, 1879
Do.....	Subdivision of township 12 south, range 3 west, San Bernardino meridian.	July 24, 1879
Do.....	Portion of subdivision of townships 2, 3, 4, and 5 south, range 23 east, San Bernardino meridian.	July 23, 1878
Do.....	Subdivision of township 9 south, range 22 east, San Bernardino meridian.	July 23, 1878
Do.....	Subdivision of township 10 south, range 22 east, San Bernardino meridian.	July 23, 1878
Do.....	Subdivision of township 12 south, range 22 east, San Bernardino meridian.	July 23, 1878
Do.....	Subdivision of township 13 south, range 23 east, San Bernardino meridian.	July 23, 1878
Do.....	Portion of subdivision of township 14 south, range 23 east, San Bernardino meridian.	July 23, 1878
Do.....	Subdivision of township 14 south, range 2 west, San Bernardino meridian.	July 24, 1878
Do.....	Subdivision of township 15 south, range 4 east, San Bernardino meridian.	July 24, 1878
Do.....	Subdivision of township 15 south, range 5 east, San Bernardino meridian.	July 24, 1878
Do.....	Subdivision of township 15 south, range 2 east, San Bernardino meridian.	July 24, 1878
Do.....	Subdivision of township 15 south, range 24 east, San Bernardino meridian.	July 23, 1878
Do.....	Exterior and subdivision of township 18 south, range 1 east, San Bernardino meridian.	July 24, 1878
Do.....	Subdivision of township 18 south, range 1 west, San Bernardino meridian.	July 24, 1878
Do.....	Subdivision of township 4 north, range 14 west, San Bernardino meridian.	Oct. 10, 1879
Do.....	Subdivision of township 4 north, range 13 west, San Bernardino meridian.	Oct. 10, 1879
Do.....	Exterior of townships 4 and 5 north, ranges 12, 13, 14, 15, and 16 west, San Bernardino meridian.	Oct. 10, 1879
Do.....	Subdivision of township 5 north, range 13 west, San Bernardino meridian.	Oct. 10, 1879
Do.....	Subdivision of township 5 north, range 12 west, San Bernardino meridian.	Oct. 10, 1879
Do.....	Subdivision of township 5 north, range 14 west, San Bernardino meridian.	Oct. 10, 1879
Do.....	Subdivision of township 5 north, range 15 west, San Bernardino meridian.	Oct. 10, 1879
Do.....	Standard of township 5 south, range 23 east; township 13 south, range 22 east; township 9 south, ranges 21 and 22 east, San Bernardino meridian.	July 23, 1878
Do.....	Subdivision of township 1 south, range 12 west, San Bernardino meridian.	Dec. 3, 1868
Do.....	First standard south, ranges 1, 2, and 3 east, San Bernardino meridian.	Oct. 22, 1879
Do.....	Subdivision of township 5 south, range 3 east, San Bernardino meridian.	Oct. 22, 1879
Do.....	Boundary of township 5 south, range 1 east, San Bernardino meridian.	Oct. 22, 1879
Do.....	Subdivision of township 5 south, range 1 east, San Bernardino meridian.	Oct. 22, 1879
Do.....	Subdivision of township 5 north, range 29 west, San Bernardino meridian.	Oct. 8, 1877
Do.....	First standard township 6 north, ranges 12, 13, and 14 west, San Bernardino meridian.	Oct. 10, 1879
Do.....	Subdivision of township 4 north, range 20 west, San Bernardino meridian.	Oct. 15, 1878
Do.....	Subdivision of township 4 south, range 8 west, San Bernardino meridian.	Dec. 6, 1877
Do.....	Exterior of township 4 south, range 8 west, San Bernardino meridian.	Dec. 6, 1877
Do.....	Exterior and subdivision of township 5 north, range 23 west, San Bernardino meridian.	Sept. 3, 1878
Do.....	Exterior of townships 8, 9, 10, 11, 12, and 13 south, ranges 21 and 22 east; townships 8, 13, 14, and 15 south, range 23 east; township 15 south, range 24 east, San Bernardino meridian.	July 23, 1878
Do.....	Boundary of township 2 south, range 4 west, San Bernardino meridian.	Sept. 9, 1879
Do.....	Subdivision of township 2 south, range 4 west, San Bernardino meridian.	Sept. 9, 1879
Do.....	Boundary of township 2 south, range 3 west, San Bernardino meridian.	Sept. 9, 1879
Do.....	Subdivision of township 2 south, range 2 west, San Bernardino meridian.	Sept. 9, 1879
Do.....	Subdivision of township 2 south, range 23 east, San Bernardino meridian.	July 23, 1878
Do.....	Subdivision of township 4 south, range 23 east, San Bernardino meridian.	July 23, 1878
Do.....	Subdivision of township 5 south, range 2 east, San Bernardino meridian.	Oct. 22, 1879
Do.....	Subdivision of township 5 south, range 23 east, San Bernardino meridian.	July 23, 1878



G G.—*Transcripts of field notes of public surveys, &c.*—Continued.

United States land office.	Description.	Date of contract.
Los Angeles ...	Subdivision of township 13 south, range 22 east, San Bernardino meridian.	July 23, 1878
Do.....	Conneetion of township 1 south, range 10 west, San Bernardino meridian.	July 31, 1875
Do.....	Exterior and subdivision of township 4 north, range 15 west, San Bernardino meridian	Sept. 19, 1876
Do.....	Subdivision of township 11 north, range 24 west, San Bernardino meridian.	Oet. 2, 1873
Do.....	Exterior and subdivision of township 1 north, range 11 west, San Bernardino meridian.	Jan. 18, 1873
Do.....	Subdivision of township 3 south, range 1 east, San Bernardino meridian.	Oet. 21, 1879
Do.....	Boundary of township 3 south, range 1 east, San Bernardino meridian..	Oet. 21, 1879
Do.....	West boundary of township 6 south, range 1 east, San Bernardino meridian.	Oet. 22, 1879
Do.....	Subdivision of township 6 south, range 1 east, San Bernardino meridian.	Oet. 22, 1879
Do.....	Corrected subdivision of township 6 south, range 8 west, San Bernardino meridian.	July 18, 1872
Do.....	Subdivision of township 6 south, range 8 west, San Bernardino meridian.	Feb. 13, 1872
Do.....	Connecting of township 8 south, range 7 west, San Bernardino meridian.	Jan. 7, 1873
Do.....	Exterior and subdivision of township 12 south, range 1 east, San Bernardino meridian.	Oet. 2, 1878
Marysville.....	Subdivision (portion of) of township 8 north, range 3 west, Mount Diablo meridian.	Nov. 12, 1877
Do.....	Subdivision of township 8 north, ranges 2 and 3 east, Mount Diablo meridian.	May 25, 1877
Do.....	Subdivision of township 12 north, range 3 west, Mount Diablo meridian.	May 25, 1877
Do.....	Subdivision of township 13 north, range 4 west, Mount Diablo meridian.	Apr. 10, 1879
Do.....	Subdivision of township 18 north, range 6 west, Mount Diablo meridian.	Apr. 10, 1879
Do.....	Meander Island No. 7 of township 22 north, range 1 west, Mount Diablo meridia n.	Oet. 9, 1874
Do.....	Subdivision of township 24 north, range 4 east, Mount Diablo meridian.	Aug. 14, 1878
Do.....	Subdivision[(part of) of township 8 north, range 3 west, Mount Diablo meridian.	Nov. 12, 1877
Do.....	New Helvetia Ranch of township 11 north, range 3 east, Mount Diablo meridian.	May 22, 1879
Do.....	Exterior of township 18 north, range 6 west, Mount Diablo meridian ..	Apr. 10, 1879
Do.....	Portion of exterior of township 20 north, ranges 6 and 7 east, Mount Diablo meridian.	Feb. 1, 1879
Do.....	The Susanville of township 21 north, range 7 west, Mount Diablo meridian.	Nov. 20, 1879
Do.....	Subdivision of township 20 north, range 7 west, Mount Diablo meridian.	Nov. 21, 1879
Do.....	Subdivision of township 15 north, range 4 west, Mount Diablo meridian.	Nov. 20, 1879
Do.....	Exterior and interior of township 16 north, range 5 west, Mount Diablo meridian.	Sept. 18, 1877
Do.....	Exterior and interior of township 16 north, range 5 west, Mount Diablo meridian.	Sept. 18, 1877
Do.....	Subdivision of township 20 north, range 6 east, Mount Diablo meridian.	Feb. 1, 1879
Do.....	Section line between sections 28 and 33 of township 29 north, range 5 east, Mount Diablo meridian.	Apr. 28, 1876
Do.....	West boundary subdivision of township 20 north, range 5 east, Mount Diablo meridian.	Feb. 1, 1879
Do.....	Subdivision of township 13 north, range 4 west, Mount Diablo meridian.	Nov. 19, 1879
Do.....	Subdivision of township 20 north, range 7 east, Mount Diablo meridian	Feb. 1, 1879
Do.....	Exterior and subdivision of township 20 north, range 5 west, Mount Diablo meridian.	Sept. 19, 1855
Shasta.....	Subdivision of township 45 north, range 1 east, Mount Diablo meridian.	Sept. 22, 1879
Do.....	Subdivision of township 43 north, range 3 east, Mount Diablo meridian.	Oet. 6, 1879
Do.....	Exterior of townships 26, 31, 32, 31 north, ranges 4 and 3 west, Mount Diablo meridian.	Sept. 12, 1854
Do.....	Exterior of township 27 north, ranges 3 and 4 east, Mount Diablo meridian.	Sept. 16, 1878
Do.....	Exterior of townships 26, 27, and 30 north, range 3 west, Mount Diablo meridian.	Sept. 12, 1854
Do.....	South standard and west boundary of township 29 north, range 3 west, Mount Diablo meridian.	Sept. 12, 1854
Do.....	Exterior of township 33 north, range 3 west, Mount Diablo meridian....	May 12, 1879
Do.....	Subdivision of township 33 north, range 3 west, Mount Diablo meridian	May 12, 1879
Do.....	Exterior of township 34 north, range 3 west, Mount Diablo meridian ..	May 12, 1879
Do.....	Subdivision of township 35 north, range 2 east, Mount Diablo meridian	Aug. 9, 1879
Do.....	Eighth standard north, range 5 west, Mount Diablo meridian.....	Apr. 24, 1879
Do.....	Eighth standard north, range 1 west, Mount Diablo meridian.....	Apr. 24, 1879
Do.....	Subdivision of township 27 north, range 1 east, Mount Diablo meridian	Nov. 13, 1876
Do.....	Subdivision of township 28 north, range 8 west, Mount Diablo meridian	Aug. 15, 1877
Do.....	Subdivision of township 28 north, ranges 3 and 4 east, Mount Diablo meridian.	Sept. 16, 1878
Do.....	Subdivision of township 29 north, range 3 east, Mount Diablo meridian	Sept. 16, 1878
Do.....	Subdivision of township 34 north, range 3 west, Mount Diablo meridian.	May 12, 1879
Do.....	Subdivision of township 35 north, range 2 east, Mount Diablo meridian	Aug. 9, 1879
Do.....	Subdivision of township 36 north, range 2 east, Mount Diablo meridian	Aug. 9, 1879
Do.....	Exterior of township 36 north, range 2 east, Mount Diablo meridian ...	Aug. 9, 1879
Do.....	Subdivision of township 39 north, range 2 west, Mount Diablo meridian	Apr. 24, 1879



G G.—*Transcripts of field notes of public surveys, &c.*—Continued.

United States land office.	Description.	Date of con- tract.
Shasta.....	Exterior of township 39 north, range 2 west, Mount Diablo meridian ..	Apr. 24, 1879
Do.....	Subdivision of township 40 north, range 4 west, Mount Diablo meridian	Apr. 24, 1879
Do.....	Subdivision of township 40 north, range 5 west, Mount Diablo meridian	Apr. 24, 1879
Do.....	South boundary of township 40 north, range 3 west, Mount Diablo meridian.	Apr. 24, 1879
Do.....	South boundary of township 40 north, range 4 west, Mount Diablo meridian.	Apr. 24, 1879
Do.....	Mount Diablo meridian of township 41 north .....	Apr. 24, 1879
Do.....	West boundary of township 41 north, range 1 west, Mount Diablo meridian.	Apr. 24, 1879
Do.....	Subdivision of township 41 north, range 4 west, Mount Diablo meridian	Apr. 24, 1879
Do.....	Subdivision of township 41 north, range 1 west, Mount Diablo meridian	Apr. 24, 1879
Do.....	Boundary of township 41 north, range 5 west, Mount Diablo meridian..	Apr. 24, 1879
Do.....	Boundary of township 41 north, range 4 west, Mount Diablo meridian..	Apr. 24, 1879
Do.....	Subdivision (portion of) of township 41 north, range 5 west, Mount Di- ablo meridian.	Apr. 24, 1879
Do.....	Subdivision (portion of) of township 43 north, range 2 east, Mount Di- ablo meridian.	Oct. 6, 1879
Do.....	Exterior (portion of) of township 44 north, range 1 west, Mount Diablo meridian.	Sept. 22, 1879
Do.....	Subdivision of township 44 north, range 1 east, Mount Diablo meridian	Sept. 22, 1879
Do.....	Subdivision of township 46 north, range 1 east, Mount Diablo meridian	Sept. 22, 1879
Do.....	Subdivision of township 46 north, range 2 west, Mount Diablo meridian	Oct. 6, 1879
Do.....	Exterior and meridian of townships 45, 46, and 47 north, range 1 east, Mount Diablo meridian.	Sept. 22, 1879
Do.....	Subdivision of township 45 north, range 2 east, Mount Diablo meridian	Oct. 6, 1879
Do.....	Subdivision of township 47 north, range 2 west, Mount Diablo meridian	Oct. 6, 1879
Do.....	Subdivision of township 48 north, range 2 west, Mount Diablo meridian	Oct. 6, 1879
Do.....	Portion of exterior and subdivision of township 48 north, range 1 west, Mount Diablo meridian.	Sept. 22, 1879
Do.....	Subdivision of township 20 north, range 7 west, Mount Diablo meridian	Nov. 21, 1879
Do.....	Exterior of townships 28 and 29 north, ranges 8 and 9 west, Mount Di- ablo meridian.	Aug. 15, 1877
Do.....	Subdivision of township 29 north, range 8 west, Mount Diablo meridian	Aug. 15, 1877
Do.....	Portion of subdivision of township 29 north, range 9 west, Mount Di- ablo meridian.	Aug. 15, 1877
Do.....	Portion of subdivision of township 32 north, range 2 east, Mount Di- ablo meridian.	Feb. 1, 1879
Do.....	Portion of subdivision of township 38 north, range 3 east, Mount Di- ablo meridian.	Apr. 23, 1879
Do.....	Portion of standard of township 41 north, ranges 2, 3, and 4 east, Mount Diablo meridian.	Apr. 23, 1879
Do.....	Portion of exterior of townships 42, 43, 44, 45, and 46 north, range 5 and all of 44 north, and range 4 east, Mount Diablo meridian.	Apr. 23, 1879
Do.....	Portion of exterior of township 43 north, range 3 east; townships 46, 47, and 48 north, range 2 west; and townships 43 and 45 north, ranges 2 and 3 east, Mount Diablo meridian.	Oct. 6, 1879
Do.....	Subdivision of township 39 north, range 2 east, Mount Diablo meridian	Apr. 23, 1879
Do.....	Subdivision of township 40 north, range 2 east, Mount Diablo meridian	Apr. 23, 1879
Do.....	Subdivision of township 40 north, range 3 east, Mount Diablo meridian	Apr. 23, 1879
Do.....	Exterior and subdivision of township 42 north, range 5 east, Mount Diablo meridian.	Apr. 23, 1879
Do.....	Subdivision of township 43 north, range 5 east, Mount Diablo meridian	Apr. 23, 1879
Do.....	Subdivision of township 44 north, range 2 east, Mount Diablo meridian	Apr. 23, 1879
Do.....	Exterior of township 44 north, ranges 1, 2, and 3 east, Mount Diablo meridian.	Apr. 23, 1879
Do.....	Subdivision of township 40 north, range 4 east, Mount Diablo meridian	Apr. 23, 1879
Do.....	Subdivision of township 41 north, range 4 east, Mount Diablo meridian	Apr. 23, 1879
Do.....	Subdivision of township 41 north, range 2 east, Mount Diablo meridian	Apr. 23, 1879
Do.....	Subdivision and meander of township 47 north, range 2 east, Mount Diablo meridian.	Oct. 6, 1873
Do.....	Subdivision of township 39 north, range 4 east, Mount Diablo meridian	Apr. 23, 1879
Do.....	Subdivision of township 39 north, range 3 east, Mount Diablo meridian	Apr. 23, 1879
Do.....	Exterior of township 41 north, range 9 west, Mount Diablo meridian ..	Oct. 6, 1873
Do.....	South boundary of township 41 north, range 9 west, Mount Diablo meridian.	Oct. 6, 1873
Do.....	Subdivision of township 42 north, range 2 east, Mount Diablo meridian	Apr. 23, 1879
Do.....	Exterior of township 43 north, range 9 west, Mount Diablo meridian ..	Oct. 6, 1873
Do.....	Range of township 44 north, ranges 1 and 2 west, Mount Diablo merid- ian.	Apr. 23, 1879
Do.....	Subdivision of township 44 north, range 5 east, Mount Diablo meridian	Apr. 23, 1879
Do.....	Subdivision of township 44 north, range 4 east, Mount Diablo meridian	Apr. 23, 1879
Do.....	Subdivision of township 44 north, range 3 east, Mount Diablo meridian	Apr. 23, 1879
Do.....	Subdivision of township 45 north, range 5 east, Mount Diablo meridian	Apr. 23, 1879
Do.....	Subdivision of township 46 north, range 4 east, Mount Diablo meridian	Apr. 23, 1879
Do.....	Subdivision of township 46 north, range 5 east, Mount Diablo meridian	Apr. 23, 1879
Do.....	Exterior boundary of township 45 north, range 2 west, Mount Diablo meridian.	Oct. 6, 1873
Do.....	Ninth standard north of township 46 north, range 1 west, Mount Di- ablo meridian.	Oct. 6, 1873



G G.—*Transcripts of field notes of public surveys, &c.*—Continued.

United States land office.	Description.	Date of contract.
Shasta .....	Ninth standard north of township 46 north, range 2 west, Mount Diablo meridian.	Oct. 6, 1873
Do .....	Exterior boundary of township 48 north, range 1 east, Mount Diablo meridian.	Oct. 6, 1873
Do .....	Meridian of township 48 north, ranges 1 east and 1 west, Mount Diablo meridian.	Oct. 6, 1873

H.—*Statement of descriptive notes, decrees of court, &c., of private land claims transmitted to the department at Washington during the fiscal year 1879-'80.*

When sent.	Papers transmitted.	Name of claim.	To whom confirmed.
July 15, 1879	Plat of survey, two skeleton maps, descriptive notes, certified copies of decree of confirmation, and vacation of appeal; protest against the Lewis survey by J. C. Zabriskie, attorney for protestants; depositions taken before United States Commissioner J. A. Robinson, October 25, 1879; proceedings before United States surveyor general November 8, 1878; brief for contestants, J. C. Zabriskie, attorney; report of C. Bielawski on Lewis's survey, December 30, 1878, with approval of United States surveyor general; objections of T. M. Leavenworth.	Agua Caliente .....	T. M. Leavenworth.
Sept. 4, 1879	Exhibits A, B, C, which were filed with the depositions taken before United States Commissioner J. A. Robinson, October 25, 1878.	.....do .....	Do.
Apr. 12, 1880	Descriptive notes of survey and authenticated copies of decrees of court.	.....do .....	C. P. Stone.
Mar. 2, 1880	Plat of survey, one skeleton map, descriptive notes, certified copy of decree of confirmation, certified copy mandate of supreme court, and order to file mandate.	.....do .....	M. G. Vallejo.
Mar. 26, 1880	Appeal by L. Aldrich, esq., attorney for confirmees, and also an appeal by William Matthews, esq., attorney for Jesse D. Carr, taken from Commissioner's decision D, of January 15, 1880.	Alisal .....	Widow and heirs of W. E. P. Hartnell, deceased.
Apr. 26, 1880	Stipulation signed by William Matthews, attorney for Jesse D. Carr, that the attorneys for the widow and heirs of W. E. P. Hartnell, deceased, have twenty days' additional time in which to file briefs and specifications of error on appeal from Commissioner's decision of January 15, 1880.	.....do .....	Do.
May 19, 1880	Brief on appeal from Commissioner's decision of January 15, 1880; L. Aldrich, attorney for widow and heirs of Pedro Zabala.	.....do .....	Do.
June 14, 1880	Reply of L. Aldrich to brief of Montgomery Blair on appeal from Commissioner's decision of January 15, 1880.	.....do .....	Do.
Apr. 28, 1880	At the request of Messrs. Gray & Brandon, attorneys for Hatch & Brangon, and Jarboe & Harrison, attorneys for William T. Coleman, Thomas Brown, and the German Savings and Loan Society, claimants under the grant and the grant owners, exceptions of said claimants to Commissioner's decision of March 1, 1880, in the matter of the survey of the rancho.	Arroyo de la Laguna.	James Williams <i>et al.</i>
Apr. 30, 1880	Notice of appeal of claimants of the rancho from Commissioner's decision of March 1, 1880, in the matter of the survey.	.....do .....	Do.
Apr. 23, 1880	As directed by Commissioner's letter D of 6th instant, the plat of survey, descriptive notes, and three skeleton maps in the matter of the survey of the rancho made by J. E. Freeman, deputy surveyor.	.....do .....	Do.



H.—*Statement of descriptive notes, decrees of court, &c.*—Continued.

When sent.	Papers transmitted.	Name of claim.	To whom confirmed.
Apr. 17, 1880	Amended plat and descriptive notes prepared in accordance with department decision dated February 21, 1878, and January 9, 1879, in compliance with Commissioner's letter D of 3d instant; no skeleton maps or copies of decree forwarded as the change made affects none of the papers forwarded with letter of July 15, 1879, but the plats and descriptive notes.	Agua Caliente .....	T. M. Leavenworth.
July 8, 1879	Plat of survey and descriptive notes, which were transmitted to this office with Commissioner's letter D of June 23, 1879, for the correction of certain discrepancies between the descriptive notes and plat of survey.	Carne Humana .....	Heirs of E. A. Bale <i>et al.</i>
Sept. 6, 1879	Plat of survey, one skeleton map, descriptive notes, certified copy decree of confirmation by United States district court, &c.	Cabeza de Santa Rosa.	Felicidad Carrillo de Castro.
Sept. 29, 1879	Four plats showing the amendments made to the plats of township 10 north, ranges 24, 25, 26, and 27 west, San Bernardino meridian, by the final approval of the survey of the rancho.	Cuyamac .....	Heirs of C. Lataillade.
Jan. 21, 1880	Copy notice of hearing; report of A. T. Herrmann, deputy surveyor; certified copy of letter from Deputy Herrmann, dated January 17, 1880, relative to the Salinas River; Herrmann's field notes; copies of sundry grants and deeds referred to in Herrmann's report; topographical map of Salinas River; plat of custom house reservation in pueblo of Monterey; plat of state house reservation in pueblo of Monterey; sketch of surroundings and remains of the old presidio in pueblo of Monterey; tracing of Monterey City map; copy of coast survey map from near mouth of Pajaro River to Salinas Great Bend, marked Exhibit A, city of Monterey; copies of disenos of ranchos Bolsa de la Nueva, Bolsa de la Nueva y Moro Cojo, and Bolsa del Potrero y Moro Cojo, or La Sagrada Familia; copy of diseno of rancho Rincon de las Salinas (attached to Herrmann's report); depositions taken at Monterey; deposition of Professor George Davidson, December 18, 1879; proceedings before surveyor general September 16, 1879; deposition of John O'Farrell, and Exhibits A and B, being copy of certificate of incorporation of Pacific Coast Steamship Company, and tracing showing tract No. 3 of the city lands; to the affidavit of O'Farrell is attached a copy of a deed dated October 6, 1876, from D. Jacks to said steamship company; deposition of Charles Goodall, September 17, 1879, relative to tract No. 3; abstract of title Pacific Coast Steamship Company; tract No. 3, referred to in Goodall's deposition; certified copy of deed from trustees of Monterey City to D. R. Ashley and David Jacks, dated February 9, 1859, filed by Pacific Coast Steamship Company; certified copy of deed from D. R. Ashley to David Jacks, dated September 14, 1868, filed by Pacific Coast Steamship Company; appearance of Edward J. Pringle and Robert S. Forbes on behalf of city of Monterey; notice from president and treasurer of City of Monterey that Robert S. Forbes is authorized to act for the city; protest on behalf of the city of Monterey; appearance of J. A. Robinson as attorney for Goodall, Perkins & Co. (Pacific Coast Steamship Company); appearance of William Neely Johnson as attorney for	City lands of Monterey.	City of Monterey.



## H.—Statement of descriptive notes, decrees of court, &amp;c.—Continued.

When sent.	Papers transmitted.	Name of claim.	To whom confirmed.
	R. F. Hanna <i>et al.</i> , objecting to survey; protest of William Neely Johnson against survey of Monterey City lands; affidavit of R. F. Hanna relative to survey of rancho Rincon de las Salinas; affidavit of José Garcia relative to mouth of Salinas River; affidavit of Lorenzo Soto relative to mouth of Salinas River; affidavit of S. W. Smith relative to mouth of Salinas River and survey of rancho Rincon de las Salinas (with sketch); protest of William Neely Johnson, attorney for Hanna <i>et al.</i> , against survey of rancho Rincon de las Salinas; (the last five papers were originally filed in this case of the rancho Rincon de las Salinas and were made part of this case at request of William Neely Johnson, esq.;) surveyor-general's report.		
Mar. 25, 1880	Application of Theodore Le Roy for resurvey of so much of the boundary lines as may be necessary to re-establish corner No. 3, and the easterly boundary of the rancho; statements of R. R. Harris and A. S. Cooper, with sketches attached.	Casmalia.....	Antonio Olivera.
May 4, 1880	Contract with A. W. von Schmidt, dated March 24, 1880, for resurvey of eastern boundary, made in compliance with Theodore Le Roy's application for resurvey.	....do .....	Do.
Mar. 26, 1880	Waiver of right to appeal from department decision D, of March 9, 1880, by Pacific Coast Steamship Company.	City lands of Monterey.	City of Monterey.
May 3, 1880	Appeal of Pringle & Forbes, attorneys for city of Monterey, from Commissioner's decision of March 9, 1880.	....do .....	Do.
May 19, 1880	Statement on appeal and brief on appeal from Commissioner's decision of March 9, 1880, Prindle & Forbes, attorneys.	....do .....	Do.
June 2, 1880	Acknowledgment of service of copies of papers filed on appeal by Pringle & Forbes, Phil. Teare, United States district attorney.	....do .....	Do.
June 30, 1880	Affidavits of S. B. Gordon, H. Escolle, and Robert S. Forbes, and reply of Pringle & Forbes, attorneys for city of Monterey, to the motion of the Pacific Coast Steamship Company to dismiss appeal of the city of Monterey from Commissioner's decision of March 9, 1880.		
Apr. 7, 1880	Diagram showing the lines of the public surveys in connection with the lines of the rancho, as surveyed by George H. Thompson, deputy surveyor, in March, 1868.	Corral de Tierra ....	H. McCobb.
Aug. 21, 1879	Objections to the survey filed by F. M. Smith, Thomas A. Brown, attorney, September 30, 1878; Frank Garcia, C. F. Eyman, Rachel Woodward, Frank Abrio, Rafael Martinez, and Patrick Tormey, executor, and Annie Tormey, executrix of the estate of John Tormey, deceased, Thomas A. Brown, attorney, October 18, 1878; Thomas A. Brown in person, October 30, 1878; W. W. Camron, Thomas A. Brown, attorney, October 30, 1878; Simon Blum, Isaac Levy, and L. Livingston, Thomas A. Brown, attorney, October 30, 1878; all claiming lands included in and forming part of the rancho La Boca de la Cañada del Pinole; Felix Brisac, William Irvine, attorney, November 2, 1878; David Clancy, Herman Hadelar, John N. Reiners, John A. Schmidt, Andrew Abbot, and William Weyhe, Patterson & Drake, attorneys, November 8, 1878; Sabin Harris, William Irvine, attorney, November 19, 1878; H. W. Carpentier in person, November 27, 1878; Victor Castro, J. E. McElrath,	El Sobrante.....	J. J. and V. Castro.



H.—*Statement of descriptive notes, decrees of court, &c.*—Continued.

When sent.	Papers transmitted.	Name of claim.	To whom confirmed.
Aug. 21, 1879	<p>attorney, November 27, 1878; Selim Franklin in person, November 27, 1878; Edson Adams, H. S. Brown &amp; William Irvine, attorneys, James T. McDougall in person, December 3, 1878; E. W. Leonard, H. S. Brown, attorney, December 12, 1878; E. R. Carpentier, H. W. Carpentier, attorney, December 14, 1878; Edson Adams (additional objections), H. S. Brown, attorney, March 12, 1879; The Contra Costa Water Company claiming part of the rancho San Lorenzo, D. P. Barstow, attorney, January 30, 1879; George H. Baker in person, claiming part of the rancho La Brea, February 10, 1879; Henry Pierce, claiming part of sections 27 and 34, in township 1 north, range 3 west, Mount Diablo meridian; two protests filed November 27, and December 12, 1878, respectively, Mullen &amp; Hyde and J. W. Shanklin, attorneys; interventions and protests against the claim set up by the parties owning under the Sobrante grant filed by the following named persons: W. A. Piper, owner of part of the rancho Cañada del Hambre, John J. Williams, attorney, December 11, 1878; John L. Eckley, owner of part of the rancho Cañada del Hambre, Sidney L. Johnson, attorney, December 12, 1878; J. B. Crockett and Thomas Edwards, owners of part of the rancho Cañada del Hambre, John J. Williams, attorney, December 13, 1878; James Stewart, owner of part of the rancho Cañada del Hambre, Thomas A. Brown, attorney, December 13, 1878; David Goodale, owner in fee of a tract of swamp and overflowed land in township 2 north, range 5 west, Mount Diablo meridian, Thomas A. Brown, attorney, January 8, 1879; Barry Baldwin, owner in fee of a tract of swamp and overflowed land in township 2 north, range 3 west, January 27, 1879; George Ellis, owner in fee of certain tracts of swamp and overflowed and salt marsh and tide lands in township 1 north, range 5 west; Ellen Franceway, executrix of the estate of Burnelt Franceway, owner in fee of three tracts of swamp and overflowed land in township 2 north, range 4 west; A. Benson, owner in fee of three tracts of swamp and overflowed land in township 2 north, range 5 west; Michael Kearney, owner in fee of certain tracts of swamp and overflowed and tide lands in township 2 north, range 5 west; Bernardo Fernandez, owner in fee of certain tracts of swamp and overflowed and tide lands in township 2 north, range 4 west; John Gately, owner in fee of two tracts of swamp and overflowed land in township 2 north, range 4 west; Cornelius Garrity, owner in fee of a tract of swamp and overflowed land in township 2 north, range 4 west; Samuel J. Tennent, owner in fee of a tract of swamp and overflowed land in township 2 north, range 4 west; Patrick Tormey, owner in fee of a tract of tide land in township 2 north, range 4 west; and Patrick Tormey, executor, and Annie Tormey, executrix, estate of John Tormey, owner in fee of a certain tract of swamp and overflowed land in township 2 north, range 4 west, Thomas A. Brown, attorney for intervenors; Henry A. Benson, owner in fee of certain tracts of swamp and overflowed land in townships 1 and 2 north, range 5 west, Jan-</p>	El Sobrante.....	J. J. and V. Castro.



## 11.—Statement of descriptive notes, decrees of court, &amp;c.—Continued.

When sent.	Papers transmitted.	Name of claim.	To whom confirmed.
Aug. 21, 1879	<p>uary 29, 1879; John T. Hayward, owner in fee of a tract of tide land in township 1 north, range 5 west, Thomas A. Brown, attorney; The State of California on behalf of W. H. Clark and Jacob M. Tewksbury, vendees under the swamp grant, L. M. Tewksbury, attorney, January 30, 1879; The State of California on behalf of Ernest Bernan, tide land claimant, L. M. Tewksbury, attorney, March 1, 1879; W. M. Hudson, James W. Hudson, Thornton Hudson, Samuel H. Watson, John J. Giles, George C. Trisdale, Milton Crow, Michael McLaughlin, and W. J. Field, settlers upon portions of townships 1 and 2 south, range 2 west, B. B. Newman, attorney, March 1, 1879; Jos. Pfister, Charles Brandt, John Cornwall, Samuel Kelly, Johnson Young, Edmund Hall, John Kelly, John Alvarez, M. Marcelino, A. Marcelino, Mrs. Sarah Wardler, F. Jackson, J. Cardoza, J. P. Alves, A. L. Silver, L. L. Silver, M. L. Carner, J. T. Abren, J. P. Nunes, George Winslow, jr., William Krieger, Manuel V. Diaz, W. Brown, A. P. Nunez, William Hall, Isaac Merrit, Joaquin Reis, W. H. Buckley, Mickel McNamara, G. W. Christian, Patrick Kelly, Patrick Hanaberry, William Christian, Timothy Randall, A. J. Vandecarr, James Hefy, Thomas Burch, and Patrick Sullivan, settlers in townships 1 and 2 north, ranges 2, 3, and 4, west, and townships 1 and 2 south, ranges 2, 3, and 4 west, Mullan &amp; Hyde, attorneys, January 27, 1879; appearance of E. B. and J. W. Mastick, as attorneys for Peder Sather, Herman Hadler, Daniel Clancy, A. J. Bryant, John D. Yost, Richard Ivers, S. N. Putnam, E. W. Woodward, and R. C. Gas-kill, claiming an interest in the Sobrante Rancho through mesne conveyances from J. J. and Victor Castro, filed December 13, 1878; appearance of James M. Taylor, as attorney for Henry Barroilhet, claiming title to a portion of the Sobrante Rancho, through mesne conveyance from the confirmer, filed December 13, 1878. Report of claimant, Victor Castro, with map and petition for a final survey of the rancho El Sobrante, filed November 29, 1879, H. W. Carpentier, attorney. Exhibit 1 for protestants Blum <i>et al.</i>; certified copy of descriptive notes of rancho La Boca de la Cañada del Pinole. Exhibit 2 for protestants Blum <i>et al.</i>; certified copy map of final survey of rancho La Boca de la Cañada del Pinole. Exhibit 3 for protestants Adams <i>et al.</i>; copy expediente rancho San Pablo. Exhibit 4 for <i>id.</i>; translation of expediente rancho del Pinole. Exhibit 5 for <i>id.</i>; translation of expediente No. 1, San Pablo Rancho. Exhibit 6 for <i>id.</i>; translation of document annexed to deposition of Salvio Pacheco in No. 390, rancho San Pablo, and No. 4, rancho San Antonio, United States Land Commissioner. Exhibit 7 for <i>id.</i>; translation of expediente No. 3, San Pablo. Exhibit 8 for <i>id.</i>; translation for grant No. 2, G. Castro San Lorenzo. Exhibit 9 for <i>id.</i>; translation of expediente Laguna de los Palos Colorados. Exhibit 10 for <i>id.</i>; translation of document H H, No. 1, annexed to deposition of Manuel Jimeno, February 1, 1853; also B, No. 2, rancho Acalanes. Exhibit 11 for <i>id.</i>; certified copies translation of grant and copy diseño of rancho Las Juntas; translation of grant El</p>	El Sobrante.....	J. J. and V. Castro.



II.—*Statement of descriptive notes, decrees of court, &c.*—Continued.

When sent.	Papers transmitted.	Name of claim.	To whom confirmed
Aug. 21, 1879	<p>Pinole; translation of grant rancho Valencia, or Acalanes; translation grant rancho San Pablo; translation of grant and copy of diseño of rancho San Lorenzo; translation of grant and copy of diseño rancho Laguna de los Palos Colorados; translation of juridical possession and copy of diseño rancho San Antonio; translation of original title papers rancho El Sobrante, and translation of description of boundaries of mission San José. Exhibit 12 for <i>id.</i>; certified copy of stipulation and order vacating appeal, No. 205, N. D., M. A. M. de Richardson. Exhibit 13 for <i>id.</i>; certified copies decrees of confirmation board land commissioners in ranchos Sobrante, Las Juntas, Pinole, Laguna de los Palos Colorados, and opinion and decree of confirmation board land commissioners rancho Acalanes. Exhibit 14 for <i>id.</i>; certified copy of stipulation and order of court vacating appeal Acalanes—Elam Brown, No. 31, N. D. Exhibit 15 for <i>id.</i>; certified copy of stipulation and order of court vacating appeal, J. J. Castro <i>et al.</i>, district court, 403, Sobrante. Exhibit 16 for <i>id.</i>; certified copy original decree of confirmation United States district court, Laguna de los Palos Colorados, Moraga <i>et al.</i> Exhibit 17 for <i>id.</i>; certified copy decree of confirmation, case 98, N. D., A. Peralta. Exhibit 18 for <i>id.</i>; certified copy decree confirmation United States district court, case No. 99, N. D., Ygnacio Peralta. Exhibit 19 for <i>id.</i>; certified copy decree of confirmation United States district court, case No. 100, N. D., D. and V. Peralta. Exhibit 20 for <i>id.</i>; certified copy order amending decree United States district court, D. and V. Peralta. Exhibit 21 for <i>id.</i>; certified copy stipulation and order vacating appeal Moraga <i>et al.</i>, 276, N. D. Exhibit 22 for <i>id.</i>; certified copy stipulation and order vacating appeal No. 87, N. D., Swanson. Exhibit 23 for <i>id.</i>; certified copy decree of confirmation San Pablo, No. 320, N. D. Exhibit 24 for <i>id.</i>; certified copy decree of confirmation G. Castro, No. 29, N. D. Exhibit 25 for <i>id.</i>; certificate showing dates of patents of rancho Laguna de los Palos Colorados, San Antonio, San Pablo, El Pinole, San Ramon, San Lorenzo Acalanes, San Antonio (a Peralta), San Antonio (Y. Peralta). Exhibit 26 for <i>id.</i>; certified copy of decision of Secretary of the Interior, dated August 9, 1876, Laguna de los Palos Colorados. Exhibit 27 for contestant Felix Brisac; certified copy deed from H. W. Carpentier <i>et al.</i> to F. Brisac, dated December 15, 1862. Exhibit 28 for contestant Felix Brisac; certified copy deed from Edson Adams and H. W. Carpentier to Felix Brisac, dated June 14, 1859. Exhibit 29 for contestant Felix Brisac; certified copy deed from J. H. McCortney and Ramon de Zaldo <i>et al.</i> to Felix Brisac, dated February 5, 1863. Exhibit 30 for <i>id.</i>; certified copies act of juridical possession rancho San Antonio granted to Luis Peralta; map of said rancho of file in archives; copies original grant and diseño of rancho Valencia or Acalanes granted to Candelario Valencia; copies of original grant and diseño of rancho San Pablo granted to Franco Ma. Castro; copies of original grant and diseño of rancho Laguna de los Palos Colorados, confirmed to the heirs and legal representatives of Joa-</p>	El Sobrante.....	J. J. and V. Castro.



## H.—Statement of descriptive notes, decrees of court, &amp;c.—Continued.

When sent.	Papers transmitted.	Name of claim.	To whom confirmed.
Aug. 21, 1879	<p>quin Moraga and Juan Bernal, both deceased. Exhibit 31 for <i>id.</i>; certified copies of original grant and diseño of rancho San Lorenzo granted to Guillermo Castro; copies grant and diseño of rancho Las Juntas granted to William Welch; copy grant to Manuel Valencia of rancho Boca de la Cañada del Pinole, and copy of the diseño of lands claimed by Briones in Cañada del Pinole, which diseño forms a part of the espediente of the grant of the rancho del Pinole granted to Ignacio Martinez. Exhibit 32 for <i>id.</i>; translation of espedientes of Boca de la Cañada del Pinole and Canada del Hambre. Exhibit 33 for <i>id.</i>; certified copy of grant of rancho El Sobrante to Juan José and Victor Castro. Exhibit 34 for <i>id.</i>; certified copy decree of confirmation United States circuit court (138 N. D.), M. M. Valencia <i>vs.</i> United States. Exhibit 35 for <i>id.</i>; certified copy translation of espediente No. 2, San Pablo rancho. Exhibit 36 for <i>id.</i>; certified copy translation of document of J. W. annexed to deposition of Bruno Valencia, rancho de Pinole. Exhibit 37 for protestant Carpentier; copy deed from Frisbie and De Zaldo to H. W. Carpentier. Exhibit 38 for protestants Adams <i>et al.</i>; certified copy department order to withdraw plats of townships 1 north, range 2 west, 1 south, 2 west, 2 south, 1 west, 2 south, 2 west, Mount Diablo meridian, and official reply thereto. Exhibit 39 for protestant Harris; certified copy deed from C. H. L. Schenck to Sabin Harris, April 9, 1868. Exhibit 40 for protestant Harris; certified copy deed from Augustus Schenck and Adolphus Schmolz to Carlo Hugo L. Schenck, November 14, 1862. Exhibit 41 for protestants Schmidt <i>et al.</i>; certified copy deed from Victor Castro to Eng. Kelly and G. H. Woodruff, 25th July, 1860 (Exhibit A). Exhibit 42 for protestants Schmidt <i>et al.</i>; certified copy deed from Eng. Kelly and H. D. Ellerhart to H. Hadeler <i>et al.</i>, 8th June, 1867. Exhibit 43 for protestants Schmidt <i>et al.</i>; certified judgment in partition nineteenth district court, September, 1873, John A. Schmidt <i>vs.</i> Peder Sather, George H. Moore <i>et al.</i> Exhibit 44 for protestant Camron; certified copies El Sobrante grant, as recorded in Contra Costa County, and copies of deeds and deraignment of title of William H. Camron. Exhibit 45 for Martinez <i>et al.</i>; certified copies of deeds in deraignment of title of R. Martinez, and of estate of John Tormey, deceased, to land owned by them in rancho La Boca de la Cañada del Pinole, &amp;c. Exhibit 46 for protestant Smith; certified copy deed from Thomas A. Brown to F. M. Smith. Exhibit 47 for protestant Garcia; certified copies deeds in deraignment of title of Francisco Garcia to lands owned by him in La Boca de la Cañada del Pinole. Exhibit 48 for protestants Garcia Blum <i>et al.</i>; certified copy of original complaint, summons, return of service thereof, and interlocutory decree in partition, filed and entered June 11, 1872, in case of H. K. W. Clarke <i>vs.</i> Thomas A. Brown <i>et al.</i>, in district court fifteenth judicial district Contra Costa County, September 12, 1878. Exhibit 49 for protestant Leonard; certified copy mortgage from Victor Castro to E. W. Leonard, April 21, 1853. Exhibit A. Turner for protestants Schmidt <i>et al.</i>;</p>	El Sobrante.....	J. J. and V. Castro.



## H.—Statement of descriptive notes, decrees of court, &amp;c.—Continued.

When sent.	Papers transmitted.	Name of claim.	To whom confirmed.
Aug. 21, 1879	<p>map showing Kelly League and rancho El Sobrante, &amp;c. Exhibit 50 for protestant Leonard; certified copy of judgment district court seventh judicial district Contra Costa County, E. W. Leonard <i>vs.</i> V. Castro, Edson Adams, Andrew Moon <i>et al.</i> Exhibit 51 for protestant Leonard; certified copy sheriff's deed to E. W. Leonard, dated April 3, 1857. Exhibit 52 for protestant Leonard; certified copy monition, United States <i>vs.</i> Carpentier, Adams, and Castro. Exhibit 53 for protestant Piper; certified copy original petition of Teodoro Soto for Cañada del Hambre y las Bolsas, L. C. No. 204. Exhibit 54 for protestant Piper; certificate of clerk of United States district court that the transcript of proceedings of board of land commissioners in case of Teodoro Soto (No. 308 N. D.) for Cañada del Hambre, &amp;c., were filed 23d October, 1855, and still remains on file in his office. Exhibit 55 for protestant Piper; certified copies of papers on file in office of clerk of United States district court, in case No. 308, N. D. L. C. No. 204, as follows: Notice of intention to prosecute appeal in case of L. Soto for Cañada del Hambre, D. C. 308 L. C. 204, filed February 1, 1856; petition of United States in district court, filed February 18, 1857; answer of claimant, filed February 18, 1857; decree of confirmation, filed April 16, 1857; stipulation and dismissal of appeal filed August 11, 1857; final order, filed August 11, 1857; affidavit of E. Franklin and order to return survey, filed March 14, 1860; objections to survey by United States, filed May 25, 1860; monition and return by marshal, filed October 3, 1860; order on return of monition filed Oct. 3, 1860; intervention of H. W. Carpentier, Edson Adams, Felix Brisae, and John B. Frisbie, filed October 3, 1860; affidavit of H. W. Carpentier, filed October 8, 1860; objections to survey by said intervenors, filed October 12, 1860; order rejecting survey, filed June 13, 1862; order allowing claimants to proceed with survey, filed April 16, 1866; amended decree filed April 30, 1866; exceptions to survey by United States, filed May 21, 1866; exceptions to survey by H. W. Carpentier, filed May 24, 1866; amendment to exceptions by H. W. Carpentier, filed June 15, 1866; final decree approving survey, filed July 25, 1866; order of appeal to circuit court, filed July 26, 1866. Exhibit 56 for protestant Piper; certified copy final decree United States circuit court, United States <i>vs.</i> Teodoro Soto, Cañada del Hambre. Exhibit 57 for protestant Franklin; certified copy of deed from Juan Jose Castro to Selim and Edward Franklin, dated March 29, 1852. Exhibit 58 for protestants Blum <i>et al.</i>; transcript of proceedings in case No. 490, M. M. Valencia <i>vs.</i> United States, for Boca de la Cañada del Pinole, United States district court. Exhibit 59 for protestant Piper; copy deed from Desidero Briones and Teodoro Soto to William A. Piper, dated May 24, 1860. Exhibit 60 for protestant Piper; deed from Desidero Briones and wife to J. B. Crockett and Lucy B. Page, dated May 22, 1860. Exhibit 61 for protestant Piper; copy deed of partition William A. Piper and J. B. Crockett and Lucy B. Page, dated December 17, 1866. Exhibit "A" McGrew; showing location of settlers' claims. Exhibit 62 for protestant Eckley; certified copy</p>	El Sobrante.....	J. J. and V. Castro.



## H.—Statement of descriptive notes, decrees of court, &amp;c.—Continued.

When sent.	Papers transmitted.	Name of claim.	To whom confirmed.
Aug. 21, 1879	<p>of deed from William A. Piper to John L. Eckley. Exhibit 63 for surveyor general; certified copy contract and bond of William Minto, deputy surveyor, for survey of rancho El Sobrante, dated June 28, 1878. Exhibit 64 for same; certified copy letter from Commissioner General Land Office, notifying surveyor general of approval of Minto's contract for survey of El Sobrante, dated July 9, 1878. Exhibit 65 for surveyor general; certified copy instructions, dated June 28, 1878, to William Minto, deputy surveyor, for survey of rancho El Sobrante. Exhibit 66 for surveyor general; certified copy of letter of instructions to William Minto, deputy surveyor, relative to survey, dated July 18, 1878. Exhibit 67 for surveyor general; certified copy Minto's field notes of El Sobrante. Exhibit 68 for surveyor general; certified copy sketch accompanying Minto's field notes. Exhibit 69 for surveyor general; certified copy account of William Minto for survey. Exhibit 70 for surveyor general; certified copy letter General Land Office, notifying surveyor general that Minto's account had been audited, dated October 25, 1878. Exhibit 71 for surveyor general; affidavit of publication of notice of survey in San Francisco Chronicle, dated October 24, 1878. Exhibit 72 for surveyor general; affidavit of publication in Contra Costa Gazette, dated October 26, 1878. Exhibit 73 for surveyor general; affidavit of publication Oakland Times. Exhibit 74 for protestant Carpentier; translation of petition of Felipe Briones intervening in the claim of Ygno Martinez for rancho El Pinole, the proceedings thereon, and copy of diseño presented by Briones with said petition, all of which form a portion of the expediente of the grant to Martinez of the rancho El Pinole. Exhibit 75 for Pierce; certified copy, petition of claimants to board of land commissioners; amended petition of same; translation of petition and grant; decree of land commission and deposition of M. G. Vallejo in case of Juan José Castro (403 N. D.), as the same appears from the transcript on file in district court. Exhibit 76 for Pierce; certified copy of stipulation and order amending survey in case of United States <i>vs.</i> Juan José Castro <i>et al.</i>, March 27, 1863 (El Sobrante), United States district court. Exhibit 77 for Pierce; certified copy, order vacating order made March 27, 1863, in case of United States <i>vs.</i> J. J. and V. Castro, filed July 26, 1866, United States district court. Exhibit 78 for Pierce; certified copy of petition of Elam Brown for Acalanes. Exhibit 79 for Pierce; certified copy of plat of survey of rancho Laguna de los Palos Colorados, made by H. A. Higley, deputy surveyor, on file in office of clerk of district court in case 276. Exhibit 80 for Pierce; certified copy of stipulation admitting plat of Higley survey of Laguna de los Palos Colorados in district court to be used in evidence. Exhibit 81 for Pierce; tracing of plat of township 1 south, range 2 west, Mount Diablo meridian, showing lines of preliminary survey of the rancho Laguna de los Palos Colorados as surveyed by Higley. Exhibit 82 for protestants Adams <i>et al.</i>; certified copy of opinion of United States</p>	El Sobrante.....	J. J. and V. Castro.



## H.—Statement of descriptive notes, decrees of court, &amp;c.—Continued.

When sent.	Papers transmitted.	Name of claim.	To whom confirmed.
Aug. 21, 1879	<p>district judge in case of United States <i>vs.</i> Joaquin Moraga, filed May 8, 1874. Exhibit 83 for protestants Adams <i>et al.</i>; certified copy of opinion, filed July 24, 1874, in case of United States <i>vs.</i> Joaquin Moraga. Exhibit 84 for protestants Adams <i>et al.</i>; certified copy of official plat of the rancho San Lorenzo, confirmed to Guellereno Castro. Exhibit 85 for Pierce; certified copy of general remarks accompanying Higley's survey of rancho Laguna de los Palos Colorados. Exhibit 86 for protestants Adams <i>et al.</i>; certified copy of decree of United States circuit court ordering new survey of rancho Laguna de los Palos Colorados, December 4, 1874. Exhibit 87 for Pierce; certified copy of deed from H. W. Carpentier <i>et al.</i> to Joseph B. Crockett; date of deed May 1, 1871. Exhibit 88 for Pierce; certified copy of translation of colonization law of 18th August, 1824. Exhibit 89 for Pierce; certified copy of translation of general regulations for the colonization of the territory of the Mexican Republic, November 21, 1828. Exhibit 90 for Pierce; statement of Victor Castro, relative to El Sobrante, in Spanish exhibit A, Castro translation of exhibit 90. Exhibit 91 for protestant Carpentier; certified copy instructions to W. F. Boardman for survey of rancho Laguna de los Palos Colorados; date of instructions February 3, 1875. Exhibit 92 for protestants Adams <i>et al.</i>; certificate as to status of the surveys of the ranchos San Jacinto Nuevo y Potrero, and Sobrante of San Jacinto Viejo y Nuevo. Exhibit 93 for Pierce; copy of a survey made in June, 1850, by Warren Brown, county surveyor of the rancho De la Asuncion de la Virgin for Joaquin Moraga. Exhibit 94 for Pierce; translation of espediente of rancho San Ramon (Pacheco and Castro). Exhibit 95 for Adams <i>et al.</i>; certified copy of the deposition of Juan B. Alvarado, given August 7, 1852, in case 96 El Sobrante, before land commissioners. Exhibit 96 for Adams <i>et al.</i>; printed transcript of record Supreme Court of United States in case of United States <i>vs.</i> Carpentier, Adams, and Castro. Exhibit 97 for Adams <i>et al.</i>; certified copy of plat of rancho San Pablo Joaquin Isidro Castro confirmed, surveyed by La Croze, May, 1858. Exhibit 98 for Adams <i>et al.</i>; certified copy espediente of rancho Los Huecos or Sobrante of ranchos Las Animas and de Pala. Exhibit 99 for Adams <i>et al.</i>; certified copy espediente of rancho San Lorenzo, José Abrego claimant. Exhibit 100 for Adams <i>et al.</i>; certified copy espediente rancho San Lorenzo G. Castro. Exhibit 101 for Adams <i>et al.</i>; certified copy opinion of board of land commissioners in case of El Sobrante, J. J. and V. Castro. Exhibit 102 for Adams <i>et al.</i>; certified copy espediente of San Jacinto Viejo and Nuevo, Dona Maria del Rosario Estdillo de Aguirre. Exhibit 103 for Adams <i>et al.</i>; translation of espediente for rancho San Lorenzo G. Castro. Exhibit 104 for Adams <i>et al.</i>; translation of espediente for rancho San Lorenzo José Abrego. Exhibit 105 for Adams <i>et al.</i>; certified copy of espediente of rancho San Ramon J. M. Amador. Exhibit 106 for Adams <i>et al.</i>; certified traced copy of diseño of rancho de San Pablo.</p>	El Sobrante.....	J. J. and V. Castro.



## H—Statement of descriptive notes, decrees of court, &amp;c.—Continued.

When sent.	Papers transmitted.	Name of claim.	To whom confirmed.
Aug. 21, 1879	Exhibit 107 for protestants Camron <i>et al.</i> ; certified copies of deposition of J. J. Castro, Victor Castro, John F. S. Smith, and José Martinez, taken in proceedings to perpetuate testimony. Exhibit 108 for Franklin; certified copy diseño of rancho San Pablo Francisco Castro. Exhibit 109 for Franklin; copy order of United States district court rejecting survey and ordering new survey; San Pablo Joaquin y Castro, November 15, 1862. Exhibit 110 for Franklin; certified copy Stratton's report on survey of San Pablo. Exhibit 111 for Adams <i>et al.</i> ; translation of petition of Juan José and Victor Castro for Sobrante. Exhibit 112, Newman, copy of plat of 2 south, 2 west, Mount Diablo meridian, approved and filed in San Francisco land office July 8, 1878. Exhibit 113, Newman, copy plat of 1 south, 2 west, Mount Diablo meridian, approved and filed in San Francisco land office July 30, 1878. Exhibit 114, Newman, declaratory statement of William M. Hudson No. 14441, filed August 5, 1878, for northeast quarter section 34, 1 south, 2 west. Exhibit 115, Newman, declaratory statement of James W. Hudson, No. 14440, filed August 5, 1878, for lots 3 and 4 of south half of northwest quarter section 3, 2 south, 2 west. Exhibit 116, Newman, declaratory statement of Thornton Hudson, No. 14442, filed August 5, 1878; northwest quarter section 34, 1 south, 2 west. Exhibit 117, Newman, declaratory statement of Samuel H. Watson. Exhibit 118, Newman, declaratory statement of John J. Giles. Exhibit 119, Newman, declaratory statement of George C. Trisdale. Exhibit 120, Newman, declaratory statement of Milton Crow. Exhibit 121, Newman, declaratory statement of Michael McLaughlin. Exhibit 122, Newman, declaratory statement of William J. Field. Exhibit 123 for protestants Adams <i>et al.</i> ; certified copy from archives of petition of Mannel Castro for Sobrante of rancho Laguna de Tache. Exhibit 124 for protestant Adams <i>et al.</i> ; certified copy from the archives of the petition of Juan B. Alvarado for a lot of land in San José. Exhibit 125 for protestants Adams <i>et al.</i> ; certified copy with translation attached of espediente of San Jacinto Nuevo y Potrero. Exhibit 126 for protestants Adams <i>et al.</i> ; certified copy of deposition of Salvo Pacheco, June 13, 1862, in case of United States <i>vs.</i> Joaquin Moraga. Exhibit 127 for protestants Adams <i>et al.</i> ; certified copy of decree of United States district court, entered June 5, 1851; in case of United States <i>vs.</i> V. & D. Peralta <i>et al.</i> Exhibit 128 for Pierce, certified copy field notes of preliminary survey of rancho San Lorenzo. Exhibit 129 for protestant Franklin; certified copy of appraisement of estate of Francisco Castro made June 19, 1852. Exhibit 130 for protestant Franklin; communication from W. H. Bailhache & Co., recorder Contra Costa County, stating number of "El Sobrante" conveyances to be about 250; exhibit A, Franklin; printed advertisement of sale of Sobrante lands for delinquent taxes (annexed to Franklin deposition, page 1226, volume 4, testimony and proceedings). Certified copy letters patent from State of California to William H. Clark, issued July 20, 1870, for swamp and overflowed	El Sobrante.....	J. J. and V. Castro.



## H.—Statement of descriptive notes, decrees of court, &amp;c.—Continued.

When sent.	Papers transmitted.	Name of claim.	To whom confirmed.
Aug. 21, 1879	<p>land. Certified copy letters patent from State of California to J. M. Tewksbury, issued December 20, 1874, for swamp and overflowed land. Certified copy letters patent from State of California to W. H. Clark, issued July 20, 1870. Certified copy letters patent from the State of California to Seth Gill, issued September 3, 1874, for 40 acres of school land. Certified copy of letters patent from the State of California to Ernest Bernan, issued May 29, 1872, for 476 <math>\frac{23}{100}</math> acres of State tide land, with stipulations attached that it be filed <i>nunc pro tunc</i> as of March 14, 1879, but that no testimony is to be taken on the same. L. M. Tewksbury, attorney for the State. Plat of survey; certified copy of record of advertisement; record of testimony and proceedings, comprising one thousand two hundred and twenty-seven pages; written objections of F. A. Hyde, esq., to the testimony of R. C. Hopkins, filed December 30, 1878; appearance of Walter Van Dyke, esq., as special attorney for the United States. Appearance of Henry Irving, esq., as counsel for Edson Adams. Certified copy of a letter from this office to Philip Teare, esq., United States District Attorney, dated January 7, 1879, requesting that Mr. Lovett represent the United States in the Sobrante case and Mr. Teare's reply thereto. Certified copy of a letter from this office to the State surveyor general, dated December 31, 1878, notifying him that certain evidence had been introduced, and allowed the State to intervene. Brief for the intervenor, W. W. Camron; Thomas A. Brown, attorney. Brief for John A. Schmidt <i>et al.</i>, owners of the Kelley league, against survey as made; W. H. Patterson and Eng B. Drake, attorneys. Brief for William A. Piper, J. B. Crockett, and Thomas Edwards; John J. Williams, attorney. Brief for Selim Franklin <i>et al.</i>; Selim Franklin in person. Brief for pre-emptors; B. B. Newman, attorney. Brief for intervenors; David Goodale, <i>et al.</i>; owners of swamp and overflowed and salt marsh and tide lands; Thomas A. Brown, attorney. Brief for owners of the rancho "La Boca de la Cañada del Pinole;" Thomas A. Brown and B. S. Brooks, attorneys. Brief for Edson Adams; Henry P. Irving, of counsel. Brief for the State of California; L. M. Tewksbury, attorney. Brief for the intervenor, James Stewart; Thos. A. Brown, attorney. Brief for Brisae and Harris; William Irvine, attorney. Brief for the Contra Costa Company; D. P. Barstow and P. G. Galpin, of counsel. Reply to the briefs of of Messrs. Brown, Brooks, Williams, Newman, Tewkesbury, Barstow, and Galpin; Henry P. Irving, of counsel for Edson Adams. Reply to argument of Henry P. Irving, esq., John J. Williams, counsel for William A. Piper, J. B. Crockett, and Thomas Edwards. Reply for intervenor Henry Pierce; J. W. Shanklin of counsel. Argument of Edson Adams in reply to brief of J. W. Shanklin; Henry P. Irving of counsel. Statement of A. J. Kopsch, attorney in fact for Pablo Antonio Maria Castro. Oaths of office of the following named attorneys, made in compliance with rule 5, page 7, of Rules of Practice: Thomas A. Brown, William Irvine, James M. Taylor, E. B. Mastick, J. W. Mastick, James Wheeler,</p>	El Sobrante .....	J. J. and V. Castro.



## H.—Statement of descriptive notes, decrees of court, &amp;c.—Continued.

When sent.	Papers transmitted.	Name of claim.	To whom confirmed.
Aug. 21, 1879	H. W. Carpentier, D. P. Barstow, P. G. Galpin, John J. Williams, Harvey J. Brown, L. M. Tewksbury, J. W. Shanklin, Henry P. Irving, Eng. B. Drake, and William H. Patterson. Surveyor General's Report (67 pages).	El Sobrante.....	J. J. and V. Castro.
Aug. 21, 1879	Memorandum of proceedings, Monday, January 13, 1879, showing Mr. Hyde's appeal and the motion of H. S. Brown, esq., of counsel for Edson Adams <i>et al.</i> , that the protest filed in behalf of Henry Pierce be stricken from the files, and that all evidence introduced on behalf of said Pierce, one of the settlers, be stricken out on the ground that they have no standing in the case; the decision of this office denying the motion, and Mr. Brown's appeal to the General Land Office.	El Sobrante.....	J. J. and V. Castro.
July 31, 1879	Copy instructions to T. J. Dewoody, deputy surveyor, to make survey.	Entre Napa.....	Marta Frias de Higuera.
Sept. 17, 1879	Plat of survey; two skeleton maps; descriptive notes; certified copy of record of publication, and certified copy of decree of confirmation by United States district court; with certificate of the clerk of said court as to proceedings.	.....do .....	Do.
Oct. 29, 1879	Plat of survey; descriptive notes; certificate of advertisement, and certified copy of the decree of confirmation received with Commissioner's letter D. of the 18th instant, for correction, and certified copy of order dismissing appeal.	El Rincon .....	Bernardo Yorba.
June 14, 1880	Certified copy of decree of United States circuit court entered September 23, 1871, ordering amendment of survey and contract with A. W. von Schmidt, deputy surveyor, dated June 7, 1880, for amended survey.	Los Nogales .....	M. de Jesus Garcia.
Dec. 5, 1879	Plat of survey; descriptive notes; two skeleton maps; certified copy of decree of confirmation; certified copy of order dismissing appeal; certified copy of letter dated August 5, 1879, from surveyor general to Deputy Minto; certified copy of letter dated August 21, 1879, from Deputy Minto to surveyor general.	Las Virgenes .....	Maria Antonio Machado.
May 15, 1880	Plat of survey; six skeleton maps; descriptive notes; certified copy of decree of confirmation United States district court; certified copy of order dismissing appeal; certified copy of certificate of publication in March, 1871; certified copy of certificate of publication in June and July, 1874. (Costs of preparing for patent paid by claimant by deposit in United States Treasury certificate No. 1002, dated May 15, 1880.)	Los Palos Verdes ...	J. L. Sepulveda <i>et al.</i>
July 11, 1879	Plat of survey; skeleton map; descriptive notes; copies of decree of confirmation and dismissal of appeal; certificate of advertisement order to return survey into United States district court, dated July 13, 1861; order of United States district court May 21, 1863, to correct survey; mandate of United States Supreme Court, with plat attached.	Lot in Mission Dolores.	C. S. de Bernal <i>et al.</i>
Aug. 7, 1879	Copy plat of survey; copy Freeman's field notes; copy instructions to Freeman to make survey; copy certificate of advertisement; copy decree of confirmation by United States board of land commissioners; copy of certificate of clerk of United States district court as to decree of confirmation by said court, with extracts from the minutes in the case; protest filed July 14, 1879, by B. T. Hanley, esq., of Washington City, as attorney for owners.	Marc Island .....	G. W. P. Bissell and William H. Aspinwall.
Jan. 16, 1880	Copies of Expedientes Nos. 25, 110, 132, 144, 160, and 513, and compiled map	Mission la Purisima.	Jose Ramon Malo.



H.—*Statement of descriptive notes, decrees of court, &c.*—Continued.

When sent.	Papers transmitted.	Name of claim.	To whom confirmed.
Jan. 16, 1880	showing boundaries of the rancho; also letter dated January 8, 1880, from D. W. ap Jones, explaining object in having the copies of espedientes and map sent up.	Mission la Purisima.	Jose Ramon Malo.
July 11, 1879	A brief on behalf of O. H. Frank in the matter of the appeal from Commissioner's decision of April 21, 1879, directing publication of the survey made in October, 1858, and approved by Surveyor-General Mandeville.	Napa Rancho .....	Otto H. Frank.
July 7, 1879	Two notices of appeal from Commissioner's decision of April 29, 1879, in the matter of the survey of the Pueblo; one, Messrs. R. P. and H. N. Clement, attorneys for M. Nathanson, the other by J. W. Shanklin, esq., attorney for the Pueblo and estate of J. R. Syder.	Pueblo of Sonoma...	Mayor and common council of Sonoma.
July 31, 1879	Copy of letter notifying parties in interest of department decision of May 19, 1879, and fixing time for appeal; notice of appeal by city and county of San Francisco; oaths of office (see 3478 Revised Statutes) of Wellington C. Burnett, Theodore H. Hittell, and C. R. Greathouse; substitution of W. C. Burnett in place of J. W. Dwinelle; appeal of city and county of San Francisco; appeal of S. M. Tibbets <i>et al.</i> ; appeal of C. E. Woodbury <i>et al.</i> ; copy of appeal of city and county of San Francisco served on Major General McDowell; copy of appeal of S. M. Tibbets <i>et al.</i> served on Major-General McDowell.	.....do .....	
Aug. 14, 1879	Brief for appellants in the matter of the survey of the Pueblo, on appeal to the Hon. Secretary of the Interior from the decision of the Hon. Commissioner of the General Land Office, by Theodore H. Hittell, esq., attorney for S. M. Tibbets <i>et al.</i> , and counsel for all the appellants.	.....do .....	
Sept. 12, 1879	Four copies of the printed appeal of T. H. Hittell, esq., from Commissioner's decision, dated May 19, 1878, in the matter of the survey of the Pueblo.		
Nov. 10, 1879	Four copies of a brief on behalf of the city of San Francisco in the matter of the survey of the Pueblo, transmitted at the request of W. C. Burnett, esq., city and county attorney.	.....do .....	
Mar. 13, 1880	Certified copy of the order of the United States district court transferring the case to the United States circuit court.	Pueblo of Sonoma ..	Mayor and common council.
Dec. 20, 1879	Plat of survey; two skeleton maps; descriptive notes; certified copy decree of confirmation; certified copy order dismissing appeal; certificate of advertisement.	Paso de Bartolo.....	Joaquina Sepulveda.
Dec. 20, 1879	Plat of survey; descriptive notes; certified copy decree of confirmation; certified copy order dismissing appeal; certificate of advertisement; certified copy of order of United States district court, October 4, 1862, in case No. 194, fixing line of agreement; certified copy order United States district court that order in case 194 be served on surveyor general in case of Paso de Bartolo; certified copy of Thompson's survey of line of agreement; copies of application of claimant for survey; order of surveyor general that compiled plat be published and adopted as official and protest of claimant against compiled survey; copy of withdrawal of protest by claimant; copy of letter from attorneys stating reasons for wishing to withdraw protest; protest of S. Montigo <i>et al.</i> against compiled survey; copy of letter from attorneys for claimant asking leave to use testimony taken in ejectment case and copy of office letter in reply thereto; testimony brief for Pio Pico Points for	Paso de Bartolo.....	Pio Pico and Juan Perez.



## H.—Statement of descriptive notes, decrees of court, &amp;c.—Continued.

When sent.	Papers transmitted.	Name of claim.	To whom confirmed.
Dec. 20, 1879	settlers' areas along line of agreement; surveyor general's report.	Paso de Bartolo.....	Pio Pico and Juan Perez.
Mar. 5, 1880	Certified copy of decree of circuit court; statement of differences between official surveys and calls of the decree.	Pastoria de las Borregas.	Mariano Castro.
May 14, 1880	Copy of letter dated April 18, 1880, from H. J. Tilden, attorney for Odd Fellows' Savings Bank of San Francisco, relative to the third tract specified in Commissioner Wilson's letter of April 9, 1868; copy of office letter dated April 29, 1880, in reply thereto, and request for instructions.	Pueblo of San José..	Mayor and common council of San José.
June 16, 1880	Descriptive notes; copies of decrees of court and certified copy of certificate of advertisement.	Punta de la Concepcion.	A. Carrillo.
Mar. 2, 1880	Plat of survey; four skeleton maps; descriptive notes; certified copy of decree of confirmation United States district court; certified copy of order dismissing appeal and giving claimant leave to proceed as under final decree; certified copy of record of publication of notice of survey; certified copy of instructions to J. E. Terrell, deputy surveyor; certified copy of deposition of David Spence in case 535, United States land commission; certified copy of translation of act of juridical possession Rincon de las Salinas; tracing of a portion of an obsolete map of the city lands of Monterey, showing lines of Rincon de las Salinas; surveyor general's report.	Rincon de las Salinas	Rafael Estrada.
Sept. 8, 1879	Plat of survey; one skeleton map; descriptive notes; certified copy of decree of confirmation by United States district court; certified copy of certificate from clerk of United States district court that no appeal has been taken; certified copy of record of notice of approval of plat of survey; certified copy of record of advertisement under act of July 1, 1864.	San Ramon .....	Leo. Norris.
Apr. 30, 1879	Plat of survey; one skeleton map; descriptive notes; certified copy of order substituting Wilson as claimant; certified copy of decree of confirmation by United States district court; certified copy of mandate of Supreme Court ordering dismissal of appeal; certified copy of order of United States district court dismissing appeal; certified copy of certificate of advertisement. (Costs of office work paid by claimant under section 6, act of July 1, 1864.)	San Pascual.....	B. D. Wilson, substituted for Juan Galardo.
Nov. 17, 1879	Reports of William Minto, deputy surveyor, and William P. Reynolds, compass man, showing why Minto departed from the strict requirements of department decision of April 22, 1875, and July 10, 1878, in making his surveys of the ranchos.	Valle de San José, San José del Valle.	S. de la Portilla, J. J. Warner.
Apr. 16, 1880	Map of Los Angeles County; map of Rancho Los Bolsas, as surveyed by T. J. Ellis, according to juridical survey; deposition of F. Cornell; depositions of Juan Bautista Manriquez, Joaquin Chabolla, T. J. Ellis, and Juan Abila, in matter of application for resurvey.	Santiago de Santa Ana.	B. Yorba.



## I.—Statement of special deposits for the survey of public lands in California during the fiscal year 1879-80.

Name of depositor.	Date of deposit.	Amount of deposit.				Name of deputy.	Location of survey.	Meridian.
		Salaries.		Surveys.				
		Individual.	Total.	Individual.	Total.			
H. R. Ritchie .....	Aug. 1, 1879	\$0 25		\$175 00		S. A. Hanson .....	Township 3 south, range 30 east .....	Monnt Diablo.
Thomas Donahue .....	Aug. 1, 1879	25		175 00		do .....	do .....	Do.
Do .....	Aug. 1, 1879	25	\$0 75	175 00	\$525 00	do .....	do .....	Do.
W. A. Sterling .....	Aug. 1, 1879			200 00		do .....	Township 1 south, range 29 east .....	Do.
C. A. Fargo .....	Aug. 1, 1879			200 00		do .....	do .....	Do.
Do .....	Aug. 1, 1879			200 00		do .....	do .....	Do.
Do .....	Aug. 1, 1879	125 00	125 00	75 00		do .....	do .....	Do.
Do .....	Aug. 1, 1879			200 00	875 00	do .....	do .....	Do.
Peter Trombly .....	Aug. 1, 1879	25 00	25 00	175 00	175 00	J. R. Glover .....	Township 10 south, range 3 east .....	Do.
H. R. Ritchie .....	Aug. 1, 1879	25 00	25 00	175 00	175 00	S. A. Hanson .....	Township 3 south, range 30 east .....	Do.
Richard E. Watkins .....	Aug. 2, 1879			50 00		do .....	Township 7 north, range 22 east .....	Do.
Do .....	Aug. 2, 1879			50 00		do .....	do .....	Do.
Do .....	Aug. 2, 1879			50 00		do .....	do .....	Do.
Do .....	Aug. 2, 1879			50 00		do .....	do .....	Do.
Do .....	Aug. 2, 1879			50 00		do .....	do .....	Do.
Do .....	Aug. 2, 1879			50 00		do .....	do .....	Do.
Do .....	Aug. 2, 1879			50 00		do .....	do .....	Do.
Do .....	Aug. 2, 1879			50 00		do .....	do .....	Do.
Do .....	Aug. 2, 1879			50 00		do .....	do .....	Do.
Do .....	Aug. 2, 1879			100 00		do .....	do .....	Do.
Do .....	Aug. 2, 1879			100 00	700 00	do .....	do .....	Do.
Do .....	Aug. 2, 1879			100 00		do .....	do .....	Do.
Do .....	Aug. 2, 1879			75 00	175 00	do .....	do .....	Do.
Do .....	Aug. 2, 1879	125 00	125 00			do .....	do .....	Do.
John Neilson .....	Aug. 11, 1879			50 00	50 00	D. F. Spurr .....	Township 11 north, range 11 west .....	Do.
Peter Trombly .....	Aug. 9, 1879	60 00	60 00	140 00	140 00	J. R. Glover .....	Township 10 south, range 3 east .....	Do.
Daniel Kelty .....	Aug. 9, 1879			200 00		L. D. Bond .....	Township 1 south, range 31 east .....	Do.
Do .....	Aug. 9, 1879			200 00		do .....	do .....	Do.
Do .....	Aug. 9, 1879			200 00		do .....	do .....	Do.
Do .....	Aug. 9, 1879	100 00	100 00	45 00	645 00	do .....	do .....	Do.
Fred. Besnet .....	Aug. 9, 1879			200 00		S. A. Hanson .....	Township 6 south, range 35 east .....	Do.
Do .....	Aug. 9, 1879			200 00		do .....	do .....	Do.
Do .....	Aug. 9, 1879	100 00	100 00	100 00	500 00	do .....	do .....	Do.
L. Tollman .....	Aug. 9, 1879			200 00		do .....	Township 7 south, range 35 east .....	Do.
Do .....	Aug. 9, 1879			200 00		do .....	do .....	Do.



Do	Aug. 9, 1879	100 00	100 00	100 00	500 00	do	do	Do.
J. C. Mitchell	Aug. 9, 1879			200 00		L. D. Bond	Township 1 south, range 32 east	Do.
Do	Aug. 9, 1879			200 00		do	do	Do.
Do	Aug. 9, 1879			200 00		do	do	Do.
Do	Aug. 9, 1879			140 00	740 00	do	do	Do.
Do	Aug. 9, 1879	100 00	100 00			do	do	Do.
John Neilson	Aug. 12, 1879	25 00	25 00	25 00	25 00	D. F. Spurr	Township 11 north, range 11 west	Do.
Thaddens B. Kent	Aug. 12, 1879	100 00	100 00	165 00	165 00	A. T. Herrmann	Township 8 south, range 1 east	Do.
John H. Moose	Aug. 12, 1879	60 00	60 00	51 00	51 00	do	Township 7 south, range 1 east	Do.
Louis Sammann	Aug. 15, 1879			200 00		S. A. Hanson	Township 1 south, range 26 east	Do.
Do	Aug. 15, 1879	60 00	60 00	100 00	300 00	do	do	Do.
J. L. Beebe	Aug. 15, 1879			200 00		do	Township 2 south, range 27 east	Do.
Do	Aug. 15, 1879			200 00		do	do	Do.
Do	Aug. 15, 1879			200 00		do	do	Do.
Do	Aug. 15, 1879			200 00		do	do	Do.
Do	Aug. 15, 1879	100 00	100 00			do	do	Do.
G. C. Gracey	Aug. 15, 1879			200 00		do	Township 2 south, range 28 east	Do.
Do	Aug. 15, 1879			200 00		do	do	Do.
Do	Aug. 15, 1879			200 00		do	do	Do.
Do	Aug. 15, 1879	100 00	100 00	100 00	700 00	do	do	Do.
John Kinney	Aug. 15, 1879			200 00		do	Township 2 south, range 26 east	Do.
Do	Aug. 15, 1879			200 00		do	do	Do.
Do	Aug. 15, 1879			200 00		do	do	Do.
Do	Aug. 15, 1879	100 00	100 00	100 00	700 00	do	do	Do.
Stephen Cooper	Aug. 21, 1879			200 00		J. L. McCoy	Township 18 north, range 2 west	Do.
Do	Aug. 21, 1879			200 00		do	do	Do.
Do	Aug. 21, 1879			200 00		do	do	Do.
Do	Aug. 21, 1879	64 00	64 00	136 00	736 00	do	do	Do.
Josiah Robinson	Aug. 27, 1879	40 00	40 00	160 00	160 00	J. R. Glover	Township 23 south, range 8 east	Do.
Asa Lawrence	Aug. 27, 1879			200 00		James E. Woods	Township 2 south, range 1 east	Humboldt.
Do	Aug. 27, 1879			200 00		do	do	Do.
Do	Aug. 27, 1879			200 00		do	do	Do.
Do	Aug. 27, 1879	100 00	100 00	100 00	700 00	do	do	Do.
G. Harrington	Aug. 27, 1879			200 00		do	Township 1 south, range 1 east	Do.
Do	Aug. 27, 1879			200 00		do	do	Do.
Do	Aug. 27, 1879			200 00		do	do	Do.
Do	Aug. 27, 1879	100 00	100 00	100 00	700 00	do	do	Do.
Reuben Reed	Aug. 27, 1879			200 00		do	Township 5 south, range 3 east	Do.
Do	Aug. 27, 1879			200 00		do	do	Do.
Do	Aug. 27, 1879			200 00		do	do	Do.
Do	Aug. 27, 1879	100 00	100 00	100 00	700 00	do	do	Do.
F. A. Howe	Aug. 27, 1879			200 00		do	Township 2 south, range 2 east	Do.
Do	Aug. 27, 1879			200 00		do	do	Do.
Do	Aug. 27, 1879			200 00		do	do	Do.
Do	Aug. 27, 1879	100 00	100 00	100 00	700 00	do	do	Do.
John T. Long	Sept. 10, 1879			200 00		Milton Santee	Township 33 north, range 14 east	Mount Diablo.
Do	Sept. 10, 1879			200 00		do	do	Do.
Do	Sept. 10, 1879			200 00		do	do	Do.
Do	Sept. 10, 1879	100 00	100 00	84 00	684 00	do	do	Do.
L. H. Breed	Sept. 10, 1879			200 00		do	Township 27 north, range 13 east	Do.
Do	Sept. 10, 1879			200 00		do	do	Do.
Do	Sept. 10, 1879			200 00		do	do	Do.



I.—Statement of special deposits for the survey of public lands in California, &c.—Continued.

Name of depositor.	Date of deposit.	Amount of deposit.				Name of deputy.	Location of survey.	Meridian.
		Salaries.		Surveys.				
		Individual.	Total.	Individual.	Total.			
L. H. Breed .....	Sept. 10, 1879			\$200 00	\$800 00	Milton Santee.....	Township 27 north, range 13 east.....	Mount Diablo.
Do.....	Sept. 10, 1879	\$125 00	\$125 00			do.....	do.....	
N. Clark .....	Sept. 10, 1879			200 00		do.....	Township 27 north, range 14 east.....	Do.
Do.....	Sept. 10, 1879	100 00	100 00	100 00	300 00	do.....	do.....	Do.
John I. Ingrem .....	Sept. 10, 1879			200 00		do.....	Township 32 north, range 14 east.....	Do.
Do.....	Sept. 10, 1879			200 00		do.....	do.....	Do.
Do.....	Sept. 10, 1879			200 00		do.....	do.....	Do.
Do.....	Sept. 10, 1879			168 00	768 00	do.....	do.....	Do.
Do.....	Sept. 10, 1879	100 00	100 00			do.....	do.....	Do.
J. R. Blood.....	Sept. 10, 1879				200 00	do.....	do.....	Do.
Do.....	Sept. 10, 1879				200 00	do.....	Township 29 north, range 17 east.....	Do.
Do.....	Sept. 10, 1879				200 00	do.....	do.....	Do.
Do.....	Sept. 10, 1879	62 00	62 00		138 00	do.....	do.....	Do.
William M. Davis.....	Sept. 12, 1879			200 00		J. R. Glover.....	Township 26 south, range 9 east.....	Do.
Do.....	Sept. 12, 1879			200 00		do.....	do.....	Do.
Do.....	Sept. 12, 1879			200 00		do.....	do.....	Do.
Do.....	Sept. 12, 1879			200 00		do.....	do.....	Do.
Do.....	Sept. 12, 1879			200 00	1,000 00	do.....	do.....	Do.
Do.....	Sept. 12, 1879	125 00	125 00	32 00	32 00	do.....	do.....	Do.
A. Clifffard .....	Sept. 12, 1879			200 00		do.....	do.....	Do.
Do.....	Sept. 12, 1879	48 00	48 00	62 00	262 00	do.....	Township 26 south, range 10 east.....	Do.
J. S. Downing.....	Sept. 12, 1879			200 00		do.....	do.....	Do.
Do.....	Sept. 12, 1879			200 00		do.....	Township 27 south, range 10 east.....	Do.
Do.....	Sept. 12, 1879			56 00	456 00	do.....	do.....	Do.
Do.....	Sept. 12, 1879	75 00	75 00			do.....	do.....	Do.
C. D. Morehouse .....	Sept. 12, 1879			200 00		do.....	do.....	Do.
Do.....	Sept. 12, 1879			159 00	359 00	do.....	Township 27 south, range 11 east.....	Do.
Do.....	Sept. 12, 1879	50 00	50 00			do.....	do.....	Do.
George T. Petty .....	Sept. 16, 1879			200 00		do.....	do.....	Do.
Do.....	Sept. 16, 1879			178 00	378 00	G. W. Baker .....	Township 40 north, range 12 east.....	Do.
Do.....	Sept. 16, 1879	50 00	50 00			do.....	do.....	Do.
William A. Sterling.....	Sept. 18, 1879			200 00		do.....	do.....	Do.
Do.....	Sept. 18, 1879			200 00		S. A. Hanson.....	Township 4 south, range 32 east.....	Do.
Do.....	Sept. 18, 1879	84 00	84 00	116 00	516 00	do.....	do.....	Do.
F. P. Crocker .....	Sept. 18, 1879			200 00		do.....	do.....	Do.
Do.....	Sept. 18, 1879	60 00	60 00	80 00	280 00	do.....	Township 10 north, range 13 west.....	Do.
						do.....	do.....	Do.



D. E. Corbett	Sept. 18, 1879			200 00		S. A. Hanson	Township 3 south, range 32 east	Do.
Do.	Sept. 18, 1879			200 00		do	do	Do.
Do.	Sept. 18, 1879	54 00	54 00	76 00	446 00	do	do	Do.
J. H. Taylor	Sept. 18, 1879			200 00		do	Township 3 south, range 31 east	Do.
Do.	Sept. 18, 1879			200 00		do	do	Do.
Do.	Sept. 18, 1879			200 00		do	do	Do.
Do.	Sept. 18, 1879			200 00		do	do	Do.
Do.	Sept. 18, 1879	900 00	100 00	100 00	900 00	do	do	Do.
D. O. Philbrick	Sept. 18, 1879	2 00	2 00	69 00		A. Chalfant	Township 16 north, range 15 west	Do.
R. J. Hopkins	Sept. 18, 1879			71 00	140 00	do	do	Do.
G. G. Kimball	Sept. 29, 1879	20 00	20 00				Township 29 north, 5 east	Do.
C. A. Fargo	Oct. 2, 1879			200 00		S. A. Hanson	Township 1 south, range 29 east	Do.
Do.	Oct. 2, 1879			64 34	264 34	do	do	Do.
W. S. Paige	Oct. 13, 1879			53 91	53 91	Charles Herrmann	Township 7 south, range 4 east	Do.
Do.	Oct. 13, 1879	4 02	4 02			do	Township 7 south, range 5 east	Do.
California and Oregon Railroad Company.	Oct. 16, 1879	264 00	264 00	528 00	528 00		List No. 6, granted limits California and Oregon branch of Central Pacific Railroad Company.	Do.
Do.	Oct. 16, 1879	444 00	444 00	888 00	888 00		List No. 6, indemnity limits California and Oregon branch of Central Pacific Railroad Company.	Do.
Thomas Donahue	Oct. 20, 1879			200 00		S. A. Hanson	Township 3 south, range 30 east	Do.
Do.	Oct. 20, 1879			9 18	209 18	do	do	Do.
California and Oregon Railroad Company.	Oct. 21, 1879	528 00	528 00	1,056 00	1,056 00		List No. 5, granted limits, California and Oregon branch Central Pacific Railroad Company.	Do.
Do.	Oct. 21, 1879	24 00	24 00	48 00	48 00		List No. 5, indemnity limits, California and Oregon branch Central Pacific Railroad Company.	Do.
Do.	Nov. 26, 1879	264 00	264 00	528 00	528 00		List No. 7, indemnity limits, California and Oregon branch Central Pacific Railroad Company.	Do.
Do.	Nov. 26, 1879	312 00	312 00	624 00	624 00		List No. 7, granted limits, California and Oregon branch Central Pacific Railroad Company.	Do.
L. H. Breed	Nov. 28, 1879			97 29	97 29	Milton Santee	Township 27 north, range 13 east	Do.
A. H. Ruggles	Nov. 28, 1879			200 00		do	Township 25 north, range 16 east	Do.
Do.	Nov. 28, 1879			200 00		do	do	Do.
Do.	Nov. 28, 1879			200 00		do	do	Do.
Do.	Nov. 28, 1879			200 00		do	do	Do.
Do.	Nov. 28, 1879	100 00	100 00	13 69	813 69	do	do	Do.
Corey S. Alverson	Nov. 28, 1879			200 00		do	Township 24 north, range 16 east	Do.
Do.	Nov. 28, 1879			200 00		do	do	Do.
Do.	Nov. 28, 1879			200 00		do	do	Do.
Do.	Nov. 28, 1879			200 00		do	do	Do.
Do.	Nov. 28, 1879			197 80	997 80	do	do	Do.
Do.	Nov. 28, 1879	100 00	100 00			do	do	Do.
George S. Price	Nov. 28, 1879			200 00		do	Township 26 north, range 15 east	Do.
Do.	Nov. 28, 1879			200 00		do	do	Do.
Do.	Nov. 28, 1879	100 00	100 00	100 00	500 00	do	do	Do.
W. O. Lundy	Nov. 28, 1879	100 00	100 00			do	Township 2 north, range 25 east	Do.
J. Boomershim	Nov. 28, 1879			200 00	200 00	do	do	Do.
W. H. Aider	Dec. 2, 1879	50 00	50 00	97 00	97 00	C. D. Davis	Township 13 south, range 23 east	Do.
John Henry	Dec. 2, 1879			200 00		John L. McCoy	Township 22 north, range 10 west	Do.
Do.	Dec. 2, 1879			200 00		do	do	Do.
Do.	Dec. 2, 1879			200 00		do	do	Do.
Do.	Dec. 2, 1879			200 00		do	do	Do.
Do.	Dec. 2, 1879			200 00		do	do	Do.



I.—Statement of special deposits for the survey of public lands in California, &c.—Continued.

Name of depositor.	Date of deposit.	Amount of deposit.				Name of deputy.	Location of survey.	Meridian.
		Salaries.		Surveys.				
		Individual.	Total.	Individual.	Total.			
John Henry .....	Dec. 2, 1879	\$150 00	\$150 00	\$32 00	\$232 00	John L. McCoy ...	Township 22 north, range 10 west .....	Mount Diablo.
John Cox .....	Dec. 2, 1879			200 00		do .....	Township 21 north, range 9 west .....	Do.
Do .....	Dec. 2, 1879			200 00		do .....	do .....	Do.
Do .....	Dec. 2, 1879			200 00		do .....	do .....	Do.
Do .....	Dec. 2, 1879			200 00		do .....	do .....	Do.
Do .....	Dec. 2, 1879			158 00	958 00	do .....	do .....	Do.
Do .....	Dec. 2, 1879	150 00	150 00			do .....	do .....	Do.
John Boynton .....	Dec. 2, 1879			200 00		do .....	Township 22 north, range 9 west .....	Do.
Do .....	Dec. 2, 1879			200 00		do .....	do .....	Do.
Do .....	Dec. 2, 1879			200 00		do .....	do .....	Do.
Do .....	Dec. 2, 1879			200 00		do .....	do .....	Do.
Do .....	Dec. 2, 1879			188 00	988 00	do .....	do .....	Do.
Edwin Cooke .....	Dec. 2, 1879			200 00		do .....	Township 22 north, range 11 west .....	Do.
Do .....	Dec. 2, 1879			74 00	274 00	do .....	do .....	Do.
Do .....	Dec. 2, 1879	100 00	100 00			do .....	do .....	Do.
John Boynton .....	Dec. 2, 1879	150 00	150 00			do .....	Township 22 north, range 9 west .....	Do.
William Kyrne .....	Dec. 2, 1879			200 00		do .....	Township 21 north, range 10 west .....	Do.
Do .....	Dec. 2, 1879			200 00		do .....	do .....	Do.
Do .....	Dec. 2, 1879			200 00		do .....	do .....	Do.
Do .....	Dec. 2, 1879			200 00	800 00	do .....	do .....	Do.
Do .....	Dec. 2, 1879			200 00		do .....	do .....	Do.
Do .....	Dec. 2, 1879	150 00	150 00	32 00	232 00	do .....	do .....	Do.
W. G. Sharpe .....	Dec. 3, 1879			193 37		do .....	Township 2 south, range 28 east .....	Do.
Do .....	Dec. 3, 1879			200 00		do .....	do .....	Do.
Do .....	Dec. 3, 1879			70 00	463 37	do .....	do .....	Do.
J. Rochekroft .....	Dec. 4, 1879			200 00		W. H. Myrick .....	Township 21 north, range 7 west .....	Do.
Do .....	Dec. 4, 1879			200 00		do .....	do .....	Do.
Do .....	Dec. 4, 1879			200 00		do .....	do .....	Do.
Do .....	Dec. 4, 1879			200 00		do .....	do .....	Do.
Do .....	Dec. 4, 1879	150 00	150 00	20 00	820 00	do .....	do .....	Do.
Leonard Craig .....	Dec. 4, 1879			200 00		John L. McCoy ...	Township 22 north, range 7 west .....	Do.
Do .....	Dec. 4, 1879			200 00		do .....	do .....	Do.
Do .....	Dec. 4, 1879			200 00		do .....	do .....	Do.
Do .....	Dec. 4, 1879			209 00		do .....	do .....	Do.
Do .....	Dec. 4, 1879	150 00	150 00	40 00	840 00	do .....	do .....	Do.
John Hope .....	Dec. 4, 1879			200 00		L. B. Gorham .....	Township 23 north, range 9 west .....	Do.



Do.	Dec. 4, 1879			200 00		do	do	Do.
Do.	Dec. 4, 1879			180 00		do	do	Do.
Do.	Dec. 4, 1879	150 00	150 00	35 00	615 00	do	do	Do.
Samuel Harris	Dec. 9, 1879			200 00		J. R. Glover	Township 24 south, range 8 east.	Do.
Do.	Dec. 9, 1879			200 00	400 00	do	do	Do.
Do.	Dec. 9, 1879			168 94	168 94	do	do	Do.
James A. Flint	Dec. 9, 1879			200 00		John L. McCoy	Township 24 north, range 12 west.	Do.
Do.	Dec. 9, 1879			200 00	400 00	do	do	Do.
D. H. Hunt	Dec. 9, 1879			200 00		J. R. Glover	Township 30 north, range 13 east	Do.
Do.	Dec. 9, 1879			200 00		do	do	Do.
Do.	Dec. 9, 1879			200 00		do	do	Do.
Do.	Dec. 9, 1879			200 00		do	do	Do.
Do.	Dec. 9, 1879			200 00		do	do	Do.
Do.	Dec. 9, 1879			200 00	1,200 00	do	do	Do.
Frank King	Dec. 9, 1879			200 00		John L. McCoy	Township 24 north, range 11 west	Do.
Do.	Dec. 9, 1879			200 00		do	do	Do.
Do.	Dec. 9, 1879			200 00	600 00	do	do	Do.
Henry Thompson	Dec. 9, 1879			200 00			Township 35 north, range 16 east.	Do.
Do.	Dec. 9, 1879			200 00			do	Do.
Do.	Dec. 9, 1879			200 00			do	Do.
Do.	Dec. 9, 1879			200 00			do	Do.
Do.	Dec. 9, 1879			200 00			do	Do.
Do.	Dec. 9, 1879			66 85	1,066 85		do	Do.
J. H. Garder	Dec. 9, 1879			200 00			Township 12 north, range 16 east	Do.
Do.	Dec. 9, 1879			200 00			do	Do.
Do.	Dec. 9, 1879			91 60	491 60		do	Do.
George S. Price	Dec. 9, 1879			134 75	134 75	Milton Santee	Township 26 north, range 15 east	Do.
Do.	Dec. 9, 1879	150 00	150 00			do	do	Do.
Henry Lang	Dec. 9, 1879			200 00		J. R. Glover	Township 24 south, range 9 east	Do.
Do.	Dec. 9, 1879			172 54	372 54	Ezra Carpenter	do	Do.
Do.	Dec. 9, 1879	70 00	70 00			do	do	Do.
P. A. Magee	Dec. 11, 1879			200 00		C. F. Putnam	Township 45 north, range 2 east	Do.
Do.	Dec. 11, 1879			200 00		do	do	Do.
Do.	Dec. 11, 1879			200 00		do	do	Do.
Do.	Dec. 11, 1879			200 00		do	do	Do.
Do.	Dec. 11, 1879	150 00	150 00	50 00	850 00	do	do	Do.
B. F. Lewis	Dec. 11, 1879			200 00		do	Township 47 north, range 2 east	Do.
Do.	Dec. 11, 1879			200 00		do	do	Do.
Do.	Dec. 11, 1879			200 00		do	do	Do.
Do.	Dec. 11, 1879	150 00	150 00	50 00	650 00	do	do	Do.
G. E. Kentner	Dec. 11, 1879			200 00		do	Township 48 north, range 2 east	Do.
Do.	Dec. 11, 1879			200 00	400 00	do	do	Do.
Do.	Dec. 11, 1879	100 00	100 00			do	do	Do.
E. D. Miner	Dec. 13, 1879			26 17	26 17	L. D. Bond	Township 2 south, range 31 east	Do.
Dan Keltz	Dec. 13, 1879			119 91	119 91	do	Township 1 south, range 31 east	Do.
Leonard Kirk	Dec. 15, 1879			9 52	9 52	James O'Brien	Township 36 north, range 2 east	Do.
J. W. Fitzpatrick	Dec. 15, 1879			157 44	157 44	do	Township 35 north, range 2 east	Do.
George Langdon	Dec. 18, 1879			200 00		James E. Woods	Township 2 south, range 2 east	Do.
Do.	Dec. 18, 1879			200 00		do	do	Humboldt.
Do.	Dec. 18, 1879			200 00		do	do	Do.
Do.	Dec. 18, 1879			200 00		do	do	Do.
Do.	Dec. 18, 1879			200 00		do	do	Do.



## I.—Statement of special deposits for the survey of public lands in California, &amp;c.—Continued.

Name of depositor.	Date of deposit.	Amount of deposit.				Name of deputy.	Location of survey.	Meridian.
		Salaries.		Surveys.				
		Individual.	Total.	Individual.	Total.			
George Langdon .....	Dec. 18, 1879			\$95 46	\$1, 095 46	James E. Woods ..	Township 2 south, range 2 east .....	Humboldt.
Samuel Harris .....	Dec. 18, 1879			200 00		J. R. Glover .....	Township 25 south, range 8 east .....	Mount Diablo.
Do .....	Dec. 18, 1879			200 00		do .....	do .....	Do.
Do .....	Dec. 18, 1879			200 00		do .....	do .....	Do.
Do .....	Dec. 18, 1879			171 74	771 74	do .....	do .....	Do.
W. C. Hazen .....	Dec. 30, 1879			161 81	161 81	do .....	Township 10 south, range 2 east .....	Do.
Elbridge Ball .....	Jan. 2, 1880			200 00		C. F. Putnam .....	Township 46 north, range 2 west .....	Do.
Do .....	Jan. 2, 1880			200 00		do .....	do .....	Do.
Do .....	Jan. 2, 1880			200 00		do .....	do .....	Do.
Do .....	Jan. 2, 1880			60 00		do .....	do .....	Do.
Do .....	Jan. 2, 1880	\$150 00	\$150 00	50 00	710 00	do .....	do .....	Do.
George Bordwell .....	Jan. 2, 1880			200 00		do .....	Township 43 north, range 3 east .....	Do.
Do .....	Jan. 2, 1880			200 00		do .....	do .....	Do.
Do .....	Jan. 2, 1880			200 00		do .....	do .....	Do.
Do .....	Jan. 2, 1880			200 00		do .....	do .....	Do.
Do .....	Jan. 2, 1880	150 00	150 00	50 00	850 00	do .....	do .....	Do.
J. D. Gray .....	Jan. 2, 1880			200 00		do .....	Township 43 north, range 2 east .....	Do.
Do .....	Jan. 2, 1880			200 00	400 00	do .....	do .....	Do.
Do .....	Jan. 2, 1880	150 00	150 00			do .....	do .....	Do.
G. E. Kentner .....	Jan. 2, 1880			200 00		do .....	Township 48 north, range 2 west .....	Do.
Do .....	Jan. 2, 1880			150 00	350 00	do .....	do .....	Do.
P. A. Magee .....	Jan. 2, 1880			68 00	68 00	do .....	Township 45 north, range 2 east .....	Do.
B. F. Lewis .....	Jan. 2, 1880			95 00	95 00	do .....	Township 47 north, range 2 west .....	Do.
Charles B. Boyer .....	Jan. 6, 1880	160 00	160 00			A. F. Reilly .....	Township 45 north, range 1 west .....	Do.
Do .....	Jan. 8, 1880			200 00		do .....	do .....	Do.
Do .....	Jan. 8, 1880			200 00		do .....	do .....	Do.
Do .....	Jan. 8, 1880			200 00		do .....	do .....	Do.
Do .....	Jan. 8, 1880			200 00	800 00	do .....	do .....	Do.
Julius Reimer .....	Jan. 8, 1880			200 00		do .....	Township 44 north, range 1 east .....	Do.
Do .....	Jan. 8, 1880			200 00		do .....	do .....	Do.
Do .....	Jan. 8, 1880			200 00		do .....	do .....	Do.
Do .....	Jan. 8, 1880			200 00	800 00	do .....	do .....	Do.
Do .....	Jan. 8, 1880	150 00	150 00			do .....	do .....	Do.
D. R. McKillian .....	Jan. 8, 1880			200 00	200 00	do .....	Township 45 north, range 1 east .....	Do.
Do .....	Jan. 8, 1880	150 00	150 00			do .....	do .....	Do.
Charles B. Boyer .....	Jan. 9, 1880			200 00	200 00	do .....	do .....	Do.



Julius Reimer .....	Jan. 9, 1880			200 00	200 00	do .....	Township 44 north, range 1 east .....	Do.
D. R. McKillian .....	Jan. 9, 1880			200 00		do .....	Township 45 north, range 1 east .....	Do.
Do .....	Jan. 9, 1880			200 00		do .....	do .....	Do.
Do .....	Jan. 9, 1880			200 00		do .....	do .....	Do.
Do .....	Jan. 9, 1880			200 00	800 00	do .....	do .....	Do.
E. D. Turner .....	Jan. 10, 1880			200 00		do .....	Township 48 north, range 1 west .....	Do.
Do .....	Jan. 10, 1880			200 00		do .....	do .....	Do.
Do .....	Jan. 10, 1880			200 00		do .....	do .....	Do.
Do .....	Jan. 10, 1880			200 00		do .....	do .....	Do.
Do .....	Jan. 10, 1880			61 02	861 02	do .....	do .....	Do.
Do .....	Jan. 10, 1880	150 00	150 00			do .....	do .....	Do.
J. Henry .....	Jan. 10, 1880			200 00		do .....	Township 44 north, range 1 west .....	Do.
Do .....	Jan. 10, 1880			200 00		do .....	do .....	Do.
Do .....	Jan. 10, 1880			200 00		do .....	do .....	Do.
Do .....	Jan. 10, 1880			200 00		do .....	do .....	Do.
Do .....	Jan. 10, 1880			200 00	1,000 00	do .....	do .....	Do.
Do .....	Jan. 10, 1880	150 00	150 00			do .....	do .....	Do.
A. Entzman .....	Jan. 10, 1880			200 00		do .....	Township 46 north, range 1 east .....	Do.
Do .....	Jan. 10, 1880			200 00		do .....	do .....	Do.
Do .....	Jan. 10, 1880			200 00		do .....	do .....	Do.
Do .....	Jan. 10, 1880			200 00		do .....	do .....	Do.
Do .....	Jan. 10, 1880			200 00	1,000 00	do .....	do .....	Do.
Do .....	Jan. 10, 1880	150 00	150 00			do .....	do .....	Do.
W. A. Sterling .....	Jan. 10, 1880	100 00	100 00	19 21	19 21	S. A. Hanson .....	Township 4 south, range 32 east .....	Do.
J. P. Mulroney .....	Jan. 16, 1880			200 00		Milton Santee .....	Township 26 north, range 12 east .....	Do.
Do .....	Jan. 16, 1880			200 00		do .....	do .....	Do.
Do .....	Jan. 16, 1880	100 00	100 00	100 00	500 00	do .....	do .....	Do.
Central Pacific Railroad Company.	Jan. 17, 1880	10 00	10 00	20 00	20 00		List No. 10, lands selected for Western Pacific Railroad Company.	Do.
J. L. Beebe .....	Jan. 17, 1880			183 22	183 22	S. A. Hanson .....	Township 2 south, range 27 east .....	Do.
Central Pacific Railroad Company.	Jan. 23, 1880	174 00	174 00	348 00	348 00		List No. 3, granted limits California and Oregon Railroad Company.	Do.
W. W. Tandell .....	Jan. 26, 1880			200 00		L. D. Bond .....	Township 5 south, range 32 east .....	Do.
Do .....	Jan. 26, 1880			200 00		do .....	do .....	Do.
Do .....	Jan. 26, 1880			200 00		do .....	do .....	Do.
Do .....	Jan. 26, 1880			200 00		do .....	do .....	Do.
Do .....	Jan. 26, 1880	150 00	150 00	43 88	843 88	do .....	do .....	Do.
Daniel McCarty .....	Jan. 26, 1880			200 00		do .....	Township 8 south, range 31 east .....	Do.
Do .....	Jan. 26, 1880			200 00		do .....	do .....	Do.
Do .....	Jan. 26, 1880			200 00		do .....	do .....	Do.
Do .....	Jan. 26, 1880			155 18	755 18	do .....	do .....	Do.
Do .....	Jan. 26, 1880	100 00	100 00			do .....	do .....	Do.
A. Wamsley .....	Jan. 26, 1880			200 00		do .....	Township 7 south, range 32 east .....	Do.
Do .....	Jan. 26, 1880			200 00		do .....	do .....	Do.
Do .....	Jan. 26, 1880	50 00	50 00	9 65	409 65	do .....	do .....	Do.
D. Campbell .....	Jan. 26, 1880			200 00		do .....	Township 9 south, range 32 east .....	Do.
Do .....	Jan. 26, 1880			200 00		do .....	do .....	Do.
Do .....	Jan. 26, 1880			100 00		do .....	do .....	Do.
Do .....	Jan. 26, 1880	75 00	75 00	63 95	563 95	do .....	do .....	Do.
Stephen G. Gregg .....	Jan. 26, 1880			200 00		do .....	Township 8 south, range 32 east .....	Do.
Do .....	Jan. 26, 1880			200 00		do .....	do .....	Do.
Do .....	Jan. 26, 1880	50 00	50 00	38 06	438 06	do .....	do .....	Do.



## I.—Statement of special deposits for the survey of public lands in California, &amp;c.—Continued.

Name of depositor.	Date of deposit.	Amount of deposit.				Name of deputy.	Location of survey.	Meridian.
		Salaries.		Surveys.				
		Individual.	Total.	Individual.	Total.			
F. M. Turner.....	Jan. 26, 1880			\$200 00		L. D. Bond .....	Township 9 south, range 33 east.....	Mount Diablo.
Do .....	Jan. 26, 1880	\$50 00	\$50 00	107 36	\$307 36	do .....	do .....	Do.
James N. Custer .....	Jan. 26, 1880			172 19		do .....	Township 7 south, range 31 east.....	Do.
Do .....	Jan. 26, 1880	150 00	150 00			do .....	do .....	Do.
G. W. Norton .....	Jan. 26, 1880			200 00		do .....	do .....	Do.
Do .....	Jan. 26, 1880			200 00		do .....	do .....	Do.
Frank Custer .....	Jan. 26, 1880			200 00		do .....	do .....	Do.
Do .....	Jan. 26, 1880			200 00	972 19	do .....	do .....	Do.
J. E. Warner .....	Jan. 26, 1880			200 00		do .....	Township 4 south, range 31 east.....	Do.
Do .....	Jan. 26, 1880			200 00		do .....	do .....	Do.
Do .....	Jan. 26, 1880			200 00		do .....	do .....	Do.
Do .....	Jan. 26, 1880			200 00		do .....	do .....	Do.
Do .....	Jan. 26, 1880			200 00		do .....	do .....	Do.
Do .....	Jan. 26, 1880	150 00	150 00	18 16	1, 018 16	do .....	do .....	Do.
David F. Hall .....	Jan. 26, 1880			200 00		do .....	Township 5 south, range 31 east.....	Do.
Do .....	Jan. 26, 1880			200 00		do .....	do .....	Do.
Do .....	Jan. 26, 1880	75 00	75 00	106 00	506 00	do .....	do .....	Do.
N. Clark .....	Jan. 29, 1880			200 00		Milton Santee .....	Township 27 north, range 14 east.....	Do.
Do .....	Jan. 29, 1880			200 00		do .....	do .....	Do.
Do .....	Jan. 29, 1880			200 00		do .....	do .....	Do.
Do .....	Jan. 29, 1880			200 00		do .....	do .....	Do.
Do .....	Jan. 29, 1880			200 00		do .....	do .....	Do.
Do .....	Jan. 29, 1880			70 86	1, 070 86	do .....	do .....	Do.
John Neilson .....	Feb. 3, 1880	35 00.	35 00	15 00	15 00	D. F. Spurr .....	Township 11 north, range 11 west .....	Do.
Frank Custer .....	Feb. 6, 1880			96 50	96 50	L. D. Bond .....	Township 7 south, range 31 east.....	Do.
J. Boomershim .....	Feb. 19, 1880			200 00		S. A. Hanson .....	Township 2 north, range 25 east.....	Do.
Do .....	Feb. 19, 1880			67 60	267 60	do .....	do .....	Do.
Parley H. Green .....	Mar. 2, 1880			200 00		W. H. Myrick.....	Township 19 north, range 7 west .....	Do.
Do .....	Mar. 2, 1880			200 00		do .....	do .....	Do.
Do .....	Mar. 2, 1880			200 00		do .....	do .....	Do.
Do .....	Mar. 2, 1880			200 00		do .....	do .....	Do.
Do .....	Mar. 2, 1880			200 00		do .....	do .....	Do.
Do .....	Mar. 2, 1880	150 00	150 00	50 00	1, 050 00	do .....	do .....	Do.
W. C. Drinkwater.....	Mar. 2, 1880			200 00		S. W. Brunt.....	Township 30 north, range 11 west .....	Do.
Do .....	Mar. 2, 1880			200 00	400 00	do .....	do .....	Do.
Do .....	Mar. 2, 1880			200 00		do .....	do .....	Do.



Do.....	Mar. 2, 1880			200 00		do .....	do .....	Do.
Do.....	Mar. 2, 1880			200 00		do .....	do .....	Do.
Do.....	Mar. 2, 1880	100 00	100 00	100 00	700 00	do .....	do .....	Do.
Thomas Williams.....	Mar. 2, 1880			200 00		do .....	Township 30 north, range 12 west .....	Do.
Do.....	Mar. 2, 1880			200 00		do .....	do .....	Do.
Do.....	Mar. 2, 1880			200 00		do .....	do .....	Do.
Do.....	Mar. 2, 1880			200 00		do .....	do .....	Do.
Do.....	Mar. 2, 1880			200 00		do .....	do .....	Do.
Do.....	Mar. 2, 1880	100 00	100 00	90 00	1, 090 00	do .....	do .....	Do.
J, Gleeson .....	Mar. 2, 1880			200 00		W. H. Myrick.....	Township 21 north, range 8 west .....	Do.
Do.....	Mar. 2, 1880			200 00		do .....	do .....	Do.
Do.....	Mar. 2, 1880			200 00		do .....	do .....	Do.
Do.....	Mar. 2, 1880			200 00		do .....	do .....	Do.
Do.....	Mar. 2, 1880			200 00		do .....	do .....	Do.
Do.....	Mar. 2, 1880	150 00	150 00	40 06	1, 040 06	do .....	do .....	Do.
Warren Green .....	Mar. 2, 1880			200 00		do .....	Township 20 north, range 7 west .....	Do.
Do.....	Mar. 2, 1880			200 00		do .....	do .....	Do.
Do.....	Mar. 2, 1880			200 00		do .....	do .....	Do.
Do.....	Mar. 2, 1880			200 00		do .....	do .....	Do.
Do.....	Mar. 2, 1880			200 00	1, 000 00	do .....	do .....	Do.
Do.....	Mar. 2, 1880	150 00	150 00	50 00	50 00	do .....	do .....	Do.
Central Pacific Railroad Company.....	Mar. 3, 1880	35 00	33 00	71 00	71 00		List No. 4, Sacramento land district .....	
Do.....	Mar. 3, 1880	7 50	7 50	15 00	15 00		List No. 11, Stockton land district .....	
J. N. Wayman .....	Mar. 4, 1880	50 00		150 00		W. F. Benson .....	Township 6 north, range 6 west .....	Do.
George F. Witham.....	Mar. 4, 1880	50 00	100 00			do .....	do .....	Do.
H. H. Whitman .....	Mar. 4, 1880			200 00	350 00	do .....	do .....	Do.
Emily C. Cook .....	Mar. 16, 1880			70 25	70 25	R. F. Herrick .....	Township 2 south, range 1 west .....	Humboldt.
W. H. Thomas .....	Mar. 16, 1880			200 00		W. H. Norway .....	Township 4 north, range 14 west .....	San Bernardino.
Do.....	Mar. 16, 1880			200 00		do .....	do .....	Do.
Do.....	Mar. 16, 1880	100 00	100 00	100 00	500 00	do .....	do .....	Do.
Noah Chrisco.....	Mar. 16, 1880			200 00	200 00	do .....	Township 5 north, range 14 west .....	Do.
Santiago Reina .....	Mar. 16, 1880			200 00		do .....	Township 4 north, range 13 west .....	Do.
Do.....	Mar. 16, 1880			200 00		do .....	do .....	Do.
Do.....	Mar. 16, 1880			92 58	492 58	do .....	do .....	Do.
Noah Chrisco.....	Mar. 16, 1880	150 00	150 00	50 00	50 00	do .....	Township 5 north, range 14 west .....	Do.
W. E. Higgins .....	Mar. 16, 1880			200 00	200 00	do .....	do .....	Do.
Dolores Cordoba .....	Mar. 16, 1880			200 00	200 00	do .....	Township 5 north, range 16 west .....	Do.
Faustina Acosta .....	Mar. 16, 1880	150 00	150 00	50 00	50 00	do .....	do .....	Do.
Santiago Reina .....	Mar. 16, 1880			200 00	200 00	do .....	Township 4 north, range 13 west .....	Do.
George D. Rush.....	Mar. 17, 1880			200 00	200 00	do .....	Township 5 north, range 13 west .....	Do.
Do.....	Mar. 17, 1880			200 00	200 00	do .....	do .....	Do.
Calimero Goamone.....	Mar. 17, 1880	150 00	150 00	50 00	50 00	do .....	Township 5 north, range 12 west .....	Do.
Anton Mallaonowitz .....	Mar. 17, 1880			200 00		do .....	Township 5 north, range 13 west .....	Do.
Do.....	Mar. 17, 1880			200 00		do .....	do .....	Do.
Do.....	Mar. 17, 1880			200 00		do .....	do .....	Do.
Do.....	Mar. 17, 1880			200 00		do .....	do .....	Do.
Do.....	Mar. 17, 1880	150 00	150 00	50 00	850 00	do .....	do .....	Do.
M. Nathanson.....	Mar. 17, 1880	60 00	60 00	80 00	80 00	W. F. Benson .....	Township 5 north, range 5 west .....	Mount Diablo.
John Hope.....	Mar. 17, 1880			200 00		L. B. Gorham .....	Township 23 north, range 9 west .....	Do.
Do.....	Mar. 17, 1880			59 15	259 15	do .....	do .....	Do.
C. Bates .....	Mar. 18, 1880			200 00		do .....	Township 23 north, range 10 west .....	Do.



## I.—Statement of special deposits for the survey of public lands in California, &amp;c.—Continued.

Name of depositor.	Date of deposit.	Amount of deposit.				Name of deputy.	Location of survey.	Meridian.
		Salaries.		Surveys.				
		Individual.	Total.	Individual.	Total.			
C. Bates .....	Mar. 18, 1880			\$200 00		L. B. Gorham .....	Township 23 north, range 10 west .....	Mount Diablo.
Do .....	Mar. 18, 1880			200 00		do .....	do .....	Do.
Do .....	Mar. 18, 1880			200 00		do .....	do .....	Do.
Do .....	Mar. 18, 1880			200 00		do .....	do .....	Do.
Do .....	Mar. 18, 1880	\$150 00	\$150 00	50 00	\$1,050 00	do .....	do .....	Do.
E. J. Spinas .....	Mar. 18, 1880	50 00	50 00	150 00	150 00	L. D. Bond .....	Township 22 north, range 17 east .....	Do.
Frank Shaw .....	Mar. 18, 1880			200 00		do .....	Township 1 south, range 28 east .....	Do.
Do .....	Mar. 18, 1880			200 00		do .....	do .....	Do.
Do .....	Mar. 18, 1880	50 00	50 00	150 00	550 00	do .....	do .....	Do.
Thomas Murphy .....	Mar. 19, 1880			200 00		do .....	Township 1 south, range 30 east .....	Do.
Do .....	Mar. 19, 1880			200 00	400 00	do .....	do .....	Do.
George D. Rush .....	Mar. 17, 1880			200 00		W. H. Norway .....	Township 5 north, range 13 west .....	San Bernardino.
Do .....	Mar. 17, 1880			200 00		do .....	do .....	Do.
Do .....	Mar. 17, 1880			200 00		do .....	do .....	Do.
Do .....	Mar. 17, 1880	150 00	150 00	50 00	650 00	do .....	do .....	Do.
J. E. Clark .....	Mar. 17, 1880			200 00		do .....	Township 5 north, range 14 west .....	Do.
Do .....	Mar. 17, 1880			200 00		do .....	do .....	Do.
Do .....	Mar. 17, 1880			200 00		do .....	do .....	Do.
Do .....	Mar. 17, 1880			200 00	800 00	do .....	do .....	Do.
Clemente Romero .....	Mar. 17, 1880			200 00		do .....	Township 5 north, range 16 west .....	Do.
Do .....	Mar. 17, 1880			200 00		do .....	do .....	Do.
Do .....	Mar. 17, 1880			200 00		do .....	do .....	Do.
Do .....	Mar. 17, 1880			200 00	800 00	do .....	do .....	Do.
Constant Lebran .....	Mar. 17, 1880			200 00		do .....	Township 5 north, range 15 west .....	Do.
Do .....	Mar. 17, 1880			200 00		do .....	do .....	Do.
Do .....	Mar. 17, 1880			200 00		do .....	do .....	Do.
Do .....	Mar. 17, 1880			200 00		do .....	do .....	Do.
Do .....	Mar. 17, 1880	150 00	150 00	50 00	850 00	do .....	do .....	Do.
Calimero Goamone .....	Mar. 17, 1880			200 00		do .....	Township 5 north, range 12 west .....	Do.
Do .....	Mar. 17, 1880			200 00		do .....	do .....	Do.
Do .....	Mar. 17, 1880			200 00		do .....	do .....	Do.
Do .....	Mar. 17, 1880			200 00	800 00	do .....	do .....	Do.
Thomas Murphy .....	Mar. 19, 1880			200 00		L. D. Bond .....	Township 1 south, range 30 east .....	Mount Diablo.
Do .....	Mar. 19, 1880			200 00		do .....	do .....	Do.
Do .....	Mar. 19, 1880	150 00	150 00	50 00	450 00	do .....	do .....	Do.
C. G. Kennedy .....	Mar. 19, 1880			200 00		do .....	Township 6 north, range 26 east .....	Do.



Do.....	Mar. 19, 1880			200 00		do	do	Do.
Do.....	Mar. 19, 1880			200 00		do	do	Do.
Do.....	Mar. 19, 1880			200 00		do	do	Do.
Do.....	Mar. 19, 1880	150 00	150 00	50 00	850 00	do	do	Do.
L. M. Payson	Mar. 19, 1880			200 00		V. L. Berdan	Township 8 south, range 38 east	Do.
Do.....	Mar. 19, 1880			200 00		do	do	Do.
Do.....	Mar. 19, 1880			200 00		do	do	Do.
Do.....	Mar. 19, 1880			200 00		do	do	Do.
Do.....	Mar. 19, 1880	125 00	125 00	75 00	875 00	do	do	Do.
James T. Ashmore	Mar. 19, 1880			200 00		do	Township 8 south, range 35 east	Do.
Do.....	Mar. 19, 1880			200 00		do	do	Do.
Do.....	Mar. 19, 1880			200 00		do	do	Do.
Do.....	Mar. 19, 1880			200 00		do	do	Do.
Do.....	Mar. 19, 1880	100 00	100 00	100 00	900 00	do	do	Do.
U. B. McSwiney	Mar. 19, 1880			200 00		do	Township 6 south, range 37 east	Do.
Do.....	Mar. 19, 1880			200 00		do	do	Do.
Do.....	Mar. 19, 1880			200 00	600 00	do	do	Do.
Do.....	Mar. 19, 1880			200 00		do	do	Do.
Do.....	Mar. 19, 1880			200 00		do	do	Do.
Do.....	Mar. 19, 1880	125 00	125 00	75 00	475 00	do	do	Do.
E. L. Wigglesworth	Mar. 19, 1880	50 00	50 00	150 00	150 00	do	Township 6 south, range 36 east	Do.
E. Bouton	Mar. 19, 1880	100 00	100 00	100 00		William Minto	Township 5 south, range 1 east	San Bernardino.
Do.....	Mar. 19, 1880			200 00	300 00	do	do	Do.
F. W. Wood	Mar. 19, 1880			71 49	71 49	do	do	Do.
Do.....	Mar. 19, 1880			90 76	90 76	do	Township 5 south, range 2 east	Do.
W. H. Bradley	Mar. 19, 1880	100 00	100 00	100 00		do	do	Do.
Do.....	Mar. 19, 1880			200 00	300 00	do	do	Do.
Do.....	Mar. 19, 1880	100 00	100 00	64 22		do	Township 5 south, range 3 east	Do.
Do.....	Mar. 19, 1880			200 00	264 22	do	do	Do.
F. W. Wood	Mar. 19, 1880			200 00	200 00	do	do	Do.
Frank A. Gibson	Mar. 19, 1880			200 00		do	Township 5 south, range 1 east	Do.
Do.....	Mar. 19, 1880			200 00	400 00	do	do	Do.
V. Gilbert	Mar. 20, 1880			200 00		V. L. Berdan	Township 7 south, range 36 east	Mount Diablo.
Do.....	Mar. 20, 1880			200 00		do	do	Do.
Do.....	Mar. 20, 1880			200 00		do	do	Do.
Do.....	Mar. 20, 1880			200 00		do	do	Do.
Do.....	Mar. 20, 1880	125 00	125 00	75 00	1,075 00	do	do	Do.
Samuel Chalmer	Mar. 20, 1880			200 00		do	Township 7 south, range 37 east	Do.
Do.....	Mar. 20, 1880			200 00		do	do	Do.
Do.....	Mar. 20, 1880			200 00		do	do	Do.
Do.....	Mar. 20, 1880			200 00		do	do	Do.
Do.....	Mar. 20, 1880			200 00		do	do	Do.
Do.....	Mar. 20, 1880	125 00	125 00	75 00	1,075 00	do	do	Do.
V. J. Piper	Mar. 20, 1880			200 00		do	Township 5 south, range 37 east	Do.
Do.....	Mar. 20, 1880			200 00		do	do	Do.
Do.....	Mar. 20, 1880	100 00	100 00	100 00	500 00	do	do	Do.
J. W. McMurry	Mar. 20, 1880			200 00		do	Township 8 south, range 36 east	Do.
Do.....	Mar. 20, 1880	50 00	50 00	150 00	350 00	do	do	Do.
J. R. McVeer	Mar. 20, 1880			200 00		do	Township 5 south, range 37 east	Do.
Do.....	Mar. 20, 1880			200 00		do	do	Do.
Do.....	Mar. 20, 1880	50 00	50 00	150 00	550 00	do	Township 5 south, range 36 east	Do.



I.—Statement of special deposits for the survey of public lands in California, &c.—Continued.

Name of depositor.	Date of deposit.	Amount of deposit.				Name of deputy.	Location of survey.	Meridian.
		Salaries.		Surveys.				
		Individual.	Total.	Individual.	Total.			
James Mitchell .....	Mar. 20, 1880			\$200 00		V. L. Berdan.....	Township 28 south, range 15 east .....	Mount Diablo.
Do .....	Mar. 20, 1880	\$50 00	\$50 00	150 00	\$350 00	do .....	do .....	Do.
P. O. Donovan .....	Mar. 20, 1880			200 00		do .....	Township 28 south, range 14 east .....	Do.
Do .....	Mar. 20, 1880	50 00	50 00	150 00	350 00	do .....	do .....	Do.
T. A. McKinnon .....	Mar. 22, 1880			200 00		do .....	Township 29 south, range 14 east .....	Do.
Do .....	Mar. 22, 1880			200 00		do .....	do .....	Do.
Do .....	Mar. 22, 1880			200 00	600 00	do .....	do .....	Do.
Do .....	Mar. 22, 1880			200 00		do .....	do .....	Do.
Do .....	Mar. 22, 1880			200 00		do .....	do .....	Do.
Do .....	Mar. 22, 1880	150 00	150 00	50 00	450 00	do .....	do .....	Do.
George W. Rector.....	Mar. 22, 1880			200 00		do .....	Township 30 south, range 14 east .....	Do.
Do .....	Mar. 22, 1880			200 00		do .....	do .....	Do.
Do .....	Mar. 22, 1880			200 00		do .....	do .....	Do.
Do .....	Mar. 22, 1880	100 00	100 00	100 00	700 00	do .....	do .....	Do.
George W. Richardson...	Mar. 22, 1880			200 00		do .....	Township 29 south, range 15 east .....	Do.
Do .....	Mar. 22, 1880	50 00	50 00	150 00	350 00	do .....	do .....	Do.
Jos. E. Foster .....	Mar. 25, 1880			200 00		L. D. Bond .....	Township 11 south, range 37 east .....	Do.
Do .....	Mar. 25, 1880			200 00		do .....	do .....	Do.
Do .....	Mar. 25, 1880			200 00		do .....	do .....	Do.
Do .....	Mar. 25, 1880			200 00		do .....	do .....	Do.
Do .....	Mar. 25, 1880			200 00		do .....	do .....	Do.
Do .....	Mar. 25, 1880	150 00	150 00	50 00	1, 050 00	do .....	do .....	Do.
E. C. Damon .....	Mar. 25, 1880			200 00		do .....	Township 13 south, range 38 east .....	Do.
Do .....	Mar. 25, 1880			200 00		do .....	do .....	Do.
Do .....	Mar. 25, 1880			200 00		do .....	do .....	Do.
Do .....	Mar. 25, 1880			200 00		do .....	do .....	Do.
Do .....	Mar. 25, 1880			200 00		do .....	do .....	Do.
Do .....	Mar. 25, 1880	150 00	150 00	50 00	1, 050 00	do .....	do .....	Do.
Charles Green .....	Mar. 30, 1880	50 00	50 00	150 00	150 00	James E. Woods ..	Township 17 north, range 6 west.....	Do.
John H. H. Ellis .....	Mar. 30, 1880			200 00		do .....	Township 16 north, range 6 west.....	Do.
Do .....	Mar. 30, 1880			200 00		do .....	do .....	Do.
Do .....	Mar. 30, 1880			200 00		do .....	do .....	Do.
Do .....	Mar. 30, 1880			200 00		do .....	do .....	Do.
Do .....	Mar. 30, 1880	150 00	150 00	50 00	850 00	do .....	do .....	Do.
David B. Stites .....	Mar. 30, 1880	50 00	50 00	150 00	150 00	do .....	Township 14 north, range 5 west.....	Do.



Pacific Coast Steamship Company.	Mar. 31, 1880	24 50	24 50				Township 13 south, range 2 east	Do.
Thomas Fradett	Apr. 1, 1880			200 00		V. L. Berdan	Township 6 south, range 38 east	Do.
Do	Apr. 1, 1880			200 00		do	do	Do.
Do	Apr. 1, 1880			200 00		do	do	Do.
Do	Apr. 1, 1880	80 00	80 00	120 00	720 00	do	do	Do.
James M. Allen	Apr. 1, 1880	30 00	30 00	170 00	170 00	do	Township 9 south, range 39 east	Do.
Thomas Fradett	Apr. 1, 1880	20 00	20 00	180 00	180 00	do	Township 5 south, range 38 east	Do.
James M. Allen	Apr. 1, 1880			200 00		do	Township 9 south, range 38 east	Do.
Do	Apr. 1, 1880			200 00		do	do	Do.
Do	Apr. 1, 1880			200 00		do	do	Do.
Do	Apr. 1, 1880	57 10	57 10	142 90	742 90	do	do	Do.
Joseph H. Thorp	Apr. 1, 1880	50 00	50 00	150 00	150 00	do	Township 7 south, range 38 east	Do.
James L. Covington	Apr. 1, 1880			200 00	200 00	do	Township 8 south, range 37 east	Do.
John F. Fonts	Apr. 1, 1880			200 00	200 00	James E. Woods	Township 17 north, range 7 west	Do.
Martin A. Jones	Mar. 25, 1880			200 00		L. D. Bond	Township 13 south, range 39 east	Do.
Do	Mar. 25, 1880			200 00		do	do	Do.
Do	Mar. 25, 1880			200 00		do	do	Do.
Do	Mar. 25, 1880			200 00		do	do	Do.
Do	Mar. 25, 1880	150 00	150 00	200 00		do	do	Do.
Charles M. McLean	Mar. 26, 1880	40 00	40 00	50 00	1,050 00	do	do	Do.
S. W. Walker	Mar. 26, 1880			160 00	160 00	do	Township 9 south, range 34 east	Do.
Do	Mar. 26, 1880			200 00		do	Township 9 south, range 35 east	Do.
Do	Mar. 26, 1880			200 00		do	do	Do.
Do	Mar. 26, 1880			200 00		do	do	Do.
Do	Mar. 26, 1880			200 00		do	do	Do.
Do	Mar. 26, 1880	150 00	150 00	200 00		do	do	Do.
J. N. Morris	Mar. 26, 1880	50 00	50 00	50 00	1,050 00	do	do	Do.
H. A. Bristol	Mar. 30, 1880			50 00	50 00	W. J. Lewis	Township 8 north, range 5 west	Do.
Do	Mar. 30, 1880			200 00		James E. Woods	Township 14 north, range 6 west	Do.
Do	Mar. 30, 1880			200 00		do	do	Do.
Do	Mar. 30, 1880			200 00		do	do	Do.
Do	Mar. 30, 1880			200 00		do	do	Do.
Do	Mar. 30, 1880			200 00		do	do	Do.
Do	Mar. 30, 1880	150 00	150 00	200 00		do	do	Do.
Charles Green	Mar. 30, 1880			50 00	1,050 00	do	do	Do.
John F. Fonts	Apr. 1, 1880			200 00	200 00		Township 17 north, range 6 west	Do.
James M. Morris	Apr. 6, 1880			200 00	200 00	James E. Woods	Township 17 north, range 7 west	Do.
Daniel M. Hill	Apr. 9, 1880			100 00	100 00	W. J. Lewis	Township 8 north, range 5 west	Do.
H. A. Ray	Apr. 12, 1880			200 00	200 00	J. L. McCoy	Township 5 south, range 4 east	Do.
Alfred J. Renick	Apr. 12, 1880			131 25		do	do	Humboldt.
Christian Duvalet	Apr. 14, 1880			131 25	262 50	do	do	Do.
Do	Apr. 14, 1880			200 00		N. T. Herrmann	Township 13 south, range 10 east	Mount Diablo.
Do	Apr. 14, 1880			200 00		do	do	Do.
Do	Apr. 14, 1880			200 00		do	do	Do.
Do	Apr. 14, 1880			200 00		do	do	Do.
Do	Apr. 14, 1880			200 00		do	do	Do.
Benigno Soto	Apr. 14, 1880	100 00	100 00	100 00	1,100 00	do	do	Do.
Do	Apr. 14, 1880			200 00		do	Township 13 south, range 9 east	Do.
Do	Apr. 14, 1880			200 00		do	do	Do.
Do	Apr. 14, 1880			200 00		do	do	Do.
Do	Apr. 14, 1880			200 00		do	do	Do.
Do	Apr. 14, 1880			200 00		do	do	Do.



I.—Statement of special deposits for the survey of public lands in California, &c.—Continued.

Name of depositor.	Date of deposit.	Amount of deposit.				Name of deputy.	Location of survey,	Meridian.
		Salaries.		Surveys.				
		Individual.	Total.	Individual.	Total.			
Benigno Soto .....	Apr. 14, 1880	\$100 00	\$100 00	\$100 00	\$1, 100 00	N. T. Herrmann ..	Township 13 south, range 9 east .....	Mount Diablo.
José Meicas .....	Apr. 14, 1880			200 00		do .....	Township 13 south, range 11 east.....	Do.
Do.....	Apr. 14, 1880			200 00	400 00	do .....	do .....	Do.
Do.....	Apr. 14, 1880	50 00	50 00			do .....	do .....	Do.
Jean Rousseau .....	Apr. 14, 1880			200 00	200 00	do .....	Township 14 south, range 9 east .....	Do.
Do.....	Apr. 14, 1880			200 00	200 00	do .....	do .....	Do.
Do.....	Apr. 14, 1880	50 00	50 00			do .....	do .....	Do.
Griffin Robbins.....	Apr. 14, 1880			200 00		George S. Collins..	Township 5 north, range 19 west .....	San Bernardino.
Do.....	Apr. 14, 1880			200 00		do .....	do .....	Do.
Do.....	Apr. 14, 1880			200 00		do .....	do .....	Do.
Do.....	Apr. 14, 1880			200 00		do .....	do .....	Do.
Do.....	Apr. 14, 1880			200 00		do .....	do .....	Do.
Do.....	Apr. 14, 1880			100 00	1, 100 00	do .....	do .....	Do.
George W. Leehler.....	Apr. 14, 1880			200 00		do .....	Township 5 north, range 18 west .....	Do.
Do.....	Apr. 14, 1880			200 00		do .....	do .....	Do.
Do.....	Apr. 14, 1880			200 00		do .....	do .....	Do.
Do.....	Apr. 14, 1880			200 00		do .....	do .....	Do.
Do.....	Apr. 14, 1880			200 00	1, 000 00	do .....	do .....	Do.
Juventino del Valle.....	Apr. 15, 1880			200 00		do .....	Township 4 north, range 19 west .....	Do.
Do.....	Apr. 15, 1880			200 00		do .....	do .....	Do.
Do.....	Apr. 15, 1880	50 00	50 00	150 00	550 00	do .....	do .....	Do.
George W. Leehler .....	Apr. 14, 1880	100 00	100 00			do .....	Township 5 north, range 18 west .....	Do.
José E. Lopez.....	Apr. 15, 1880			200 00		do .....	Township 5 north, range 17 west .....	Do.
Do.....	Apr. 15, 1880			200 00		do .....	do .....	Do.
Do.....	Apr. 15, 1880			200 00		do .....	do .....	Do.
Do.....	Apr. 15, 1880			200 00	800 00	do .....	do .....	Do.
Do.....	Apr. 15, 1880	80 00	80 00			do .....	do .....	Do.
Central Pacific Railroad Company.	Apr. 17, 1880	7 41	7 41	22 24	22 24		List No. 20.....	
Theodore Metcalf.....	Apr. 20, 1880			200 00		L. B. Gorham .....	Township 18 north, range 11 west .....	Mount Diablo.
Do.....	Apr. 20, 1880			200 00		do .....	do .....	Do.
Do.....	Apr. 20, 1880			200 00		do .....	do .....	Do.
Do.....	Apr. 20, 1880			200 00		do .....	do .....	Do.
Do.....	Apr. 20, 1880			200 00	1, 000 00	do .....	do .....	Do.
W. Farr .....	Apr. 20, 1880			200 00		do .....	Township 19 north, range 11 west .....	Do.
Do.....	Apr. 20, 1880			200 00		do .....	do .....	Do.



Do.....	Apr. 20, 1880			200 00		do	do	Do.
Do.....	Apr. 20, 1880			200 00		do	do	Do.
Do.....	Apr. 20, 1880			200 00	1, 000 00	do	do	Do.
James Green.....	Apr. 20, 1880			200 00		do	Township 20 north, range 11 west.....	Do.
Do.....	Apr. 20, 1880			200 00		do	do	Do.
Do.....	Apr. 20, 1880			200 00		do	do	Do.
Do.....	Apr. 20, 1880			200 00		do	do	Do.
Do.....	Apr. 20, 1880			200 00	1, 000 00	do	do	Do.
E. Bouton.....	Apr. 23, 1880			200 00		George Sandow	Township 4 south, range 2 east.....	San Bernardino.
Do.....	Apr. 23, 1880			200 00		do	do	Do.
Do.....	Apr. 23, 1880			200 00	600 00	do	do	Do.
Bearry Roberts.....	Apr. 23, 1880			200 00	200 00	do	do	Do.
Do.....	Apr. 23, 1880			200 00		do	Township 2 south, range 3 west.....	Do.
Do.....	Apr. 23, 1880			200 00		do	do	Do.
E. M. Van Deventer.....	Apr. 23, 1880				400 00	do	do	Do.
A. M. Lawrence.....	Apr. 23, 1880				194 83	do	Township 2 south, range 2 west.....	Do.
F. W. Wood.....	Apr. 23, 1880				123 54	do	Township 2 south, range 3 west.....	Do.
C. R. G. Webb.....	Apr. 23, 1880				200 00	do	Township 4 south, range 2 east.....	Do.
Do.....	Apr. 23, 1880			200 00		do	Township 2 south, range 4 west.....	Do.
Do.....	Apr. 23, 1880			178 21	578 21	do	do	Do.
N. M. Lawrence.....	Apr. 23, 1880			200 00		do	Township 4 south, range 1 east.....	Do.
Do.....	Apr. 23, 1880			200 00		do	do	Do.
Do.....	Apr. 23, 1880			135 57	535 57	do	do	Do.
Joseph B. Stanton.....	Apr. 27, 1880			200 00		James E. Woods.....	Township 15 north, range 6 west.....	Mount Diablo.
Do.....	Apr. 27, 1880			200 00		do	do	Do.
Do.....	Apr. 27, 1880			200 00		do	do	Do.
Do.....	Apr. 27, 1880			200 00		do	do	Do.
Do.....	Apr. 27, 1880			200 00		do	do	Do.
Do.....	Apr. 27, 1880	100 00	100 00	100 00	1, 100 00	do	do	Do.
John F. Fonts.....	Apr. 27, 1880	100 00	100 00	200 00	475 72	do	Township 17 north, range 7 west.....	Do.
John H. H. Ellis.....	Apr. 27, 1880			200 00	200 00	do	Township 16 north, range 6 west.....	Do.
Central Pacific Railroad Company.	May 4, 1880	93 40	93 40	280 27	280 27		List No. 9—granted limits California and Oregon Branch, Marysville, Oreg.	
Theodore Le Roy.....	May 5, 1880	75 00	75 00	120 00	120 00	A. W. von Schmidt	Resurvey Rancho Casmalia.....	
J. P. Mulroney.....	May 5, 1880			347 05	347 05	Milton Santee.....	Township 26 north, range 12 east.....	Mount Diablo.
Jacob Levingston.....	May 6, 1880			100 00		J. R. Glover.....	Township 31 south, range 17 east.....	Do.
Do.....	May 6, 1880			100 00		do	do	Do.
Do.....	May 6, 1880			100 00		do	do	Do.
Do.....	May 6, 1880			100 00		do	do	Do.
Do.....	May 6, 1880			100 00		do	do	Do.
Do.....	May 6, 1880			50 00		do	do	Do.
Do.....	May 6, 1880			50 00		do	do	Do.
Do.....	May 6, 1880			50 00		do	do	Do.
Do.....	May 6, 1880			50 00		do	do	Do.
Do.....	May 6, 1880			50 00		do	do	Do.
Do.....	May 6, 1880			50 00		do	do	Do.
Do.....	May 6, 1880			50 00		do	do	Do.
Do.....	May 6, 1880			50 00		do	do	Do.
Do.....	May 6, 1880			25 00		do	do	Do.
Do.....	May 6, 1880			25 00		do	do	Do.
Do.....	May 6, 1880			25 00	1, 000 00	do	do	Do.



I.—Statement of special deposits for the survey of public lands in California, &c.—Continued.

Name of depositor.	Date of deposit.	Amount of deposit.				Name of deputy.	Location of survey.	Meridian.
		Salaries.		Surveys.				
		Individual.	Total.	Individual.	Total.			
S. W. St. John.....	May 6, 1880	\$100 00	\$100 00	\$100 00		William Minto....	Township 6 south, range 1 east .....	San Bernardino.
Do.....	May 6, 1880			200 00		do .....	do .....	Do.
Do.....	May 6, 1880			200 00	\$500 00	do .....	do .....	Do.
Do.....	May 6, 1880			58 04	58 04	do .....	do .....	Do.
James Craig.....	May 8, 1880			200 00		J. R. Glover.....	Township 32 south, range 19 east.....	Mount Diablo.
Do.....	May 8, 1880			200 00		do .....	do .....	Do.
Do.....	May 8, 1880			200 00		do .....	do .....	Do.
Do.....	May 8, 1880			200 00		do .....	do .....	Do.
Do.....	May 8, 1880			200 00	1, 000 00	do .....	do .....	Do.
Frank Mackert.....	May 10, 1880			200 00		L. D. Bond .....	Township 14 south, range 39 east.....	Do.
Do.....	May 10, 1880			200 00		do .....	do .....	Do.
Do.....	May 10, 1880			200 00		do .....	do .....	Do.
Do.....	May 10, 1880			200 00		do .....	do .....	Do.
Do.....	May 10, 1880			200 00	1, 000 00	do .....	do .....	Do.
Henry Karm.....	May 10, 1880			200 00		do .....	Township 14 south, range 38 east.....	Do.
Do.....	May 10, 1880			200 00		do .....	do .....	Do.
Do.....	May 10, 1880			200 00		do .....	do .....	Do.
Do.....	May 10, 1880			56 41	656 41	do .....	do .....	Do.
Julius Latz.....	May 11, 1880			200 00		J. R. Glover.....	Township 32 south, range 18 east .....	Do.
Do.....	May 11, 1880			200 00		do .....	do .....	Do.
Do.....	May 11, 1880			200 00		do .....	do .....	Do.
Do.....	May 11, 1880			200 00		do .....	do .....	Do.
Do.....	May 11, 1880			200 00	1, 000 00	do .....	do .....	Do.
I. J. Axheim .....	May 11, 1880			200 00		do .....	Township 32 south, range 17 east.....	Do.
Do.....	May 11, 1880			200 00		do .....	do .....	Do.
Do.....	May 11, 1880			200 00		do .....	do .....	Do.
Do.....	May 11, 1880			200 00		do .....	do .....	Do.
Do.....	May 11, 1880			200 00	800 00	do .....	do .....	Do.
Miguel Arburna .....	May 12, 1880			200 00		Charles Henmann.	Township 12 south, range 10 east .....	Do.
Do.....	May 12, 1880			200 00		do .....	do .....	Do.
Do.....	May 12, 1880			200 00		do .....	do .....	Do.
Do.....	May 12, 1880			200 00		do .....	do .....	Do.
Do.....	May 12, 1880			200 00	1, 000 00	do .....	do .....	Do.
J. Alonzo .....	May 12, 1880			200 00		do .....	Township 12 south, range 11 east .....	Do.
Do.....	May 12, 1880			200 00	400 00	do .....	do .....	Do.
George S. Hoffman.....	May 12, 1880			200 00		do .....	Township 12 south, range 9 east .....	Do.



Do	May 12, 1880			200 00		do	do	Do.
Do	May 12, 1880			200 00	600 00	do	do	Do.
James J. Steley	May 15, 1880			200 00		do	Township 9 south, range 4 east	Do.
Do	May 15, 1880			200 00		do	do	Do.
Do	May 15, 1880			200 00	600 00	do	do	Do.
Eleazor Thomas	May 15, 1880			200 00		do	Township 9 south, range 5 east	Do.
Do	May 15, 1880			200 00	400 00	do	do	Do.
Benjamin Turner	May 18, 1880			200 00		F. G. Ward	Township 40 north, range 14 east	Do.
Do	May 18, 1880			200 00	400 00	do	do	Do.
Do	May 18, 1880			200 00		do	do	Do.
Do	May 18, 1880			200 00		do	do	Do.
Do	May 18, 1880			200 00		do	do	Do.
Do	May 18, 1880	150 00	150 00	50 00	650 00	do	do	Do.
A. Wilson	May 18, 1880			200 00		do	Township 40 north, range 15 east	Do.
Do	May 18, 1880			187 26	387 26	do	do	Do.
Do	May 18, 1880		40 00			do	do	Do.
J. T. Riley	May 18, 1880			200 00		do	Township 39 north, range 15 east	Do.
Do	May 18, 1880			200 00		do	do	Do.
Do	May 18, 1880			200 00		do	do	Do.
Do	May 18, 1880			200 00		do	do	Do.
Do	May 18, 1880		75 00	125 00	925 00	do	do	Do.
D. F. Wittenburg	May 20, 1880			200 00		V. L. Berdan	Township 31 south, range 14 east	Do.
Do	May 20, 1880			200 00		do	do	Do.
Do	May 20, 1880			200 00		do	do	Do.
Do	May 20, 1880			200 00		do	do	Do.
Do	May 20, 1880	100 00	100 00	100 00	900 00	do	do	Do.
James Mitchell	May 20, 1880			200 00		do	Township 28 south, range 15 east	Do.
Do	May 20, 1880	50 00	50 00	150 00	350 00	do	do	Do.
A. C. McLeod	May 20, 1880			200 00		do	Township 31 south, range 15 east	Do.
Do	May 20, 1880			200 00	400 00	do	do	Do.
Do	May 20, 1880			200 00		do	do	Do.
Do	May 20, 1880	100 00	100 00	100 00	300 00	do	do	Do.
Silas H. Lee	May 20, 1880			200 00		S. A. Hanson	Township 1 south, range 22 east	Do.
Do	May 20, 1880			200 00		do	do	Do.
Do	May 20, 1880			200 00		do	do	Do.
Do	May 20, 1880			200 00		do	do	Do.
Do	May 20, 1880			200 00	1,000 00	do	do	Do.
Timothy B. Murphy	May 20, 1880			200 00		do	Township 1 north, range 23 east	Do.
Do	May 20, 1880			200 00		do	do	Do.
Do	May 20, 1880			200 00		do	do	Do.
Do	May 20, 1880			200 00		do	do	Do.
Do	May 20, 1880			200 00	1,000 00	do	do	Do.
J. G. Brugger	May 20, 1880			200 00		M. F. Reilly	Township 23 south, range 13 east	Do.
Do	May 20, 1880			200 00		do	do	Do.
Do	May 20, 1880			200 00		do	do	Do.
Do	May 20, 1880			200 00		do	do	Do.
Do	May 20, 1880			200 00	1,000 00	do	do	Do.
Robert Keys	May 20, 1880			200 00		do	Township 23 south, range 12 east	Do.
Do	May 20, 1880			200 00		do	do	Do.
Do	May 20, 1880			200 00		do	do	Do.
Do	May 20, 1880			200 00	800 00	do	do	Do.
Do	May 20, 1880			200 00	200 00	do	do	Do.



I.—Statement of special deposits for the survey of public lands in California, &c.—Continued.

Name of depositor.	Date of deposit.	Amount of deposit.				Name of deputy.	Location of surveys.	Meridian.
		Salaries.		Surveys.				
		Individual.	Total.	Individual.	Total.			
Lemuel Titus.....	May 20, 1880			\$200 00		S. A. Hanson.....	Township 1 north, range 22 east .....	Mount Diablo.
Do.....	May 20, 1880			200 00		do.....	do .....	Do.
Do.....	May 20, 1880			200 00		do.....	do .....	Do.
Do.....	May 20, 1880			200 00		do.....	do .....	Do.
Do.....	May 20, 1880			200 00	\$1, 000 00	do.....	do .....	Do.
John M. Murphy.....	May 20, 1880			200 00		do.....	Township 1 south, range 23 east .....	Do.
Do.....	May 20, 1880			200 00		do.....	do .....	Do.
Do.....	May 20, 1880			200 00		do.....	do .....	Do.
Do.....	May 20, 1880			200 00		do.....	do .....	Do.
Do.....	May 20, 1880			200 00	1, 000 00	do.....	do .....	Do.
O. Streshly.....	May 21, 1880			200 00	200 00	A. A. Smith.....	Township 37 north, range 6 east .....	Do.
J. P. Eldridge.....	May 21, 1880			200 00		do.....	Township 36 north, range 6 east .....	Do.
Do.....	May 21, 1880			200 00	400 00	do.....	do .....	Do.
W. H. Jenison.....	May 21, 1880			200 00		do.....	Township 36 north, range 11 east .....	Do.
Do.....	May 21, 1880			200 00		do.....	do .....	Do.
Do.....	May 21, 1880			200 00	600 00	do.....	do .....	Do.
A. J. Long.....	May 21, 1880			200 00		do.....	Township 36 north, range 7 east .....	Do.
Do.....	May 21, 1880			200 00		do.....	do .....	Do.
Do.....	May 21, 1880			200 00	600 00	do.....	do .....	Do.
George D. Winten.....	May 21, 1880			200 00	200 00	do.....	Township 37 north, range 12 east .....	Do.
Do.....	May 21, 1880			200 00		do.....	do .....	Do.
Do.....	May 21, 1880			200 00	400 00	do.....	do .....	Do.
James Armstrong.....	May 21, 1880			200 00		do.....	Township 36 north, range 12 east .....	Do.
Do.....	May 21, 1880			200 00		do.....	do .....	Do.
Do.....	May 21, 1880			200 00	600 00	do.....	do .....	Do.
Charles Stone.....	May 21, 1880			200 00		S. A. Hanson.....	Township 7 north, range 24 east .....	Do.
Do.....	May 21, 1880			200 00		do.....	do .....	Do.
Do.....	May 21, 1880			200 00		do.....	do .....	Do.
Do.....	May 21, 1880	\$50 00	\$50 00	150 00	750 00	do.....	do .....	Do.
John Hardwick.....	May 21, 1880			200 00		do.....	Township 6 north, range 25 east .....	Do.
Do.....	May 21, 1880			200 00		do.....	do .....	Do.
Do.....	May 21, 1880			200 00		do.....	do .....	Do.
Do.....	May 21, 1880			200 00		do.....	do .....	Do.
Do.....	May 21, 1880			200 00		do.....	do .....	Do.
Do.....	May 21, 1880	100 00	100 00	100 00	1, 100 00	do.....	do .....	Do.
Charles G. Thompson.....	May 22, 1880			200 00		do.....	Township 3 north, range 25 east .....	Do.



Do	May 22, 1880			200 00		do	do	Do.
Do	May 22, 1880	50 00	50 00	150 00	550 00	do	do	Do.
G. Johnson	May 22, 1880			200 00		do	Township 7 north, range 25 east	Do.
Do	May 22, 1880			200 00		do	do	Do.
Do	May 22, 1880			200 00	600 00	do	do	Do.
Do	May 22, 1880	50 00	50 00	8 17	8 17	do	do	Do.
Robert Boyle	May 22, 1880			200 00		James E. Woods	Township 12 north, range 4 west	Do.
Do	May 22, 1880			200 00		do	do	Do.
Do	May 22, 1880			200 00		do	do	Do.
Do	May 22, 1880			200 00		do	do	Do.
Do	May 22, 1880			200 00		do	do	Do.
Do	May 22, 1880	150 00	150 00	50 00	1, 050 00	do	do	Do.
Thomas O. Kennedy	May 22, 1880			200 00		do	Township 13 north, range 5 west	Do.
Do	May 22, 1880			200 00		do	do	Do.
Do	May 22, 1880			200 00		do	do	Do.
Do	May 22, 1880			200 00		do	do	Do.
Do	May 22, 1880			200 00		do	do	Do.
Do	May 22, 1880	150 00	150 00	50 00	1, 050 00	do	do	Do.
R. C. Anderson	May 22, 1880			200 00		do	Township 13 north, range 4 west	Do.
Do	May 22, 1880			200 00		do	do	Do.
Do	May 22, 1880	75 00	75 00	125 00	525 00	do	do	Do.
Henry Schooler	May 22, 1880			200 00		do	Township 11 north, range 4 west	Do.
Do	May 22, 1880	50 00	50 00	150 00	350 00	do	do	Do.
Jos. Delaney	May 22, 1880			200 00		do	Township 12 north, range 3 west	Do.
Do	May 22, 1880	50 00	50 00	150 00	350 00	do	do	Do.
David B. Stiles	May 22, 1880			60 18	60 18	do	Township 14 north, range 5 west	Do.
James Reed	May 22, 1880			200 00		do	Township 13 north, range 7 west	Do.
Do	May 22, 1880			57 73	257 73	do	do	Do.
A. Warner	May 22, 1880			200 00		John Gilcrest	Township 7 south, range 3 east	Do.
Do	May 22, 1880			200 00		do	do	Do.
Do	May 22, 1880			135 94	535 94	do	do	Do.
James Reed	May 22, 1880			200 00		George Tucker	Township 11 south, range 7 west	Do.
Do	May 22, 1880			200 00	400 00	do	do	Do.
A. Reynolds	May 22, 1880			52 41	52 41	D. D. Brown	Township 6 south, range 7 east	Do.
James Cox	May 23, 1880			110 79	110 79	W. P. Reynolds	Township 3 south, range 1 east	Do.
Thomas Reynolds	May 22, 1880			151 56	151 56	Gustavus Cox	Township 10 north, range 8 west	San Bernardino.
Edwin Brown	May 22, 1880			200 00		W. P. Reynolds	Township 6 south, range 8 west	Mount Diablo.
Do	May 22, 1880			29 05	229 05	do	do	San Bernardino.
Alonzo Sano	May 22, 1880			200 00		J. R. Glover	Township 28 south, range 13 east	Do.
Do	May 22, 1880			200 00		do	do	Mount Diablo.
Do	May 22, 1880	50 00	50 00	109 56	509 56	do	do	Do.
Lewis Eldred	May 22, 1880			200 00	200 00	do	do	Do.
H. Gillespie	May 22, 1880			200 00		do	Township 29 south, range 11 east	Do.
Do	May 22, 1880			200 00		do	Township 26 south, range 8 east	Do.
Do	May 22, 1880	50 00	50 00	150 00	550 00	do	do	Do.
Thomas Sawyer	May 22, 1880			200 00		do	do	Do.
Do	May 22, 1880			200 00	400 00	do	Township 29 south, range 13 east	Do.
Do	May 22, 1880	50 00	50 00	150 00	150 00	do	do	Do.
W. L. Mathews	May 22, 1880			200 00		do	do	Do.
Do	May 22, 1880			200 00		do	Township 28 south, range 11 east	Do.
Do	May 22, 1880			200 00		do	do	Do.
Do	May 22, 1880			200 00		do	do	Do.
Do	May 22, 1880	50 00	50 00	150 00	750 00	do	do	Do.



I.—Statement of special deposits for the survey of public lands in California, &c.—Continued.

Name of depositor.	Date of deposit.	Amount of deposit.				Name of deputy.	Location of survey.	Meridian.
		Salaries.		Surveys.				
		Individual.	Total.	Individual.	Total.			
Frank Mills .....	May 22, 1880			\$200 00		M. F. Reilly .....	Township 23 south, range 9 east .....	Mount Diablo.
Do .....	May 22, 1880			200 00		do .....	do .....	Do.
Do .....	May 22, 1880			200 00		do .....	do .....	Do.
Do .....	May 22, 1880			200 00		do .....	do .....	Do.
Do .....	May 22, 1880			200 00		do .....	do .....	Do.
Do .....	May 22, 1880	\$150 00	\$150 00	50 00	\$1, 050 00	do .....	do .....	Do.
E. H. Hall .....	May 22, 1880			200 00		do .....	Township 24 south, range 10 east .....	Do.
Do .....	May 22, 1880			200 00		do .....	do .....	Do.
Do .....	May 22, 1880			200 00		do .....	do .....	Do.
Do .....	May 22, 1880			200 00		do .....	do .....	Do.
Do .....	May 22, 1880			200 00		do .....	do .....	Do.
Do .....	May 22, 1880	150 00	150 00	50 00	1, 050 00	do .....	do .....	Do.
Gottlob Wisshack .....	May 26, 1880			200 00		M. G. Wheeler .....	Township 12 south, range 1 east .....	San Bernardino.
Clinton C. Tripp .....	May 26, 1880			59 23	259 23	do .....	do .....	Do.
Central Pacific Railroad Company.	June 1, 1880		494 52		1, 483 79		List No. 8, indemnity limits, California and Oregon Branch, Marysville district.	
William Martin .....	June 2, 1880				200 00	L. D. Bond .....	Township 15 south, range 40 east .....	Mount Diablo.
Do .....	June 2, 1880			200 00		do .....	do .....	Do.
Do .....	June 2, 1880			146 98	346 98	do .....	do .....	Do.
L. Brown .....	June 2, 1880			200 00		do .....	Township 14 south, range 38 east .....	Do.
Do .....	June 2, 1880			200 00	400 00	do .....	do .....	Do.
J. Davies .....	June 2, 1880			200 00	200 00	do .....	Township 13 south, range 37 east .....	Do.
Do .....	June 2, 1880			200 00	200 00	do .....	do .....	Do.
Ed. Sykes .....	June 2, 1880			200 00	200 00	do .....	Township 15 south, range 39 east .....	Do.
Central Pacific Railroad Company.	June 7, 1880		93 77		281 30		List No. 6, granted limits, California and Oregon Branch.	
Do .....	June 7, 1880		404 22		1, 212 66		List No. 6, indemnity limits, California and Oregon Branch.	
Do .....	June 9, 1880		68 41		205 23		List No. 10, granted limits, California and Oregon Branch, Marysville district.	
			18, 838 92		152,141 78			



J. — Statement of special deposits for office work in the survey of mining claims in California during the fiscal year 1879-'80.

Name of surveyor.	Name of depositor.	Date of deposit.	Deposit for salaries.	Name of mine.	Location of mine.	Remarks.
Benjamin Ross.....	Charles Bassett.....	July 1, 1879	\$40 00	Capital Quartz Mine.....	Amador County.....	
L. A. Scowden.....	W. M. Stewart.....	July 8, 1879	75 00	Noonday Mine.....	Mono County.....	
Do.....	do.....	July 8, 1879	40 00	East Noonday.....	do.....	
Do.....	do.....	July 8, 1879	40 00	Keystone Quartz.....	do.....	
John A. Brown.....	Henry Steel.....	July 11, 1879	40 00	Allison & Steel Copper Mine.....	Amador County.....	
E. S. Thurston.....	George P. Thurston.....	July 14, 1879	40 00	Pittsburgh Mine.....	Yuba County.....	
L. A. Scowden.....	Thomas Steel.....	July 16, 1879	40 00	Inca Mine.....	Mono County.....	
F. T. Perris.....	Gilbert Clement.....	July 19, 1879	45 00	Snow Storm.....	San Bernardino County.....	
William Magee.....	W. E. Hopping.....	July 22, 1879	10 00	Dudley Placer.....	Shasta County.....	Additional.
L. A. Scowden.....	G. K. Porter.....	July 23, 1879	40 00	Porter Placer.....	Mono County.....	
Do.....	A. F. Bryant.....	July 23, 1879	40 00	Bryant Placer.....	do.....	
Samuel Bethell.....	Gottlob Mitchler.....	July 28, 1879	45 00	Consolidated Blue Wing Placer.....	Placer County.....	
Do.....	Henry W. Wilson.....	July 28, 1879	10 00	East Green Spring.....	do.....	Additional.
R. H. Stretch.....	Amos Hill <i>et al.</i> .....	July 28, 1879	20 00	Mammoth Gravel Mining Company.....	Butte County.....	
Do.....	Thomas Wallace <i>et al.</i> .....	July 28, 1879	20 00	Little Butte, Old Channel Gravel.....	do.....	
H. S. Bradley.....	W. D. Lond.....	July 28, 1879	40 00	Backbone.....	Nevada County.....	
C. L. Anderson.....	Thomas A. White.....	Aug. 1, 1879	40 00	Hayes Lode.....	Mono County.....	
E. S. Thurston.....	George P. Thurston.....	Aug. 4, 1879	10 00	Pittsburgh.....	Yuba County.....	Additional.
R. H. Stretch.....	W. A. Nevill.....	Aug. 4, 1879	40 00	Mammoth Gold Quartz Mine.....	Amador County.....	
C. L. Anderson.....	W. F. Leon.....	Aug. 5, 1879	40 00	Governor Stanford.....	Mono County.....	
Do.....	do.....	Aug. 5, 1879	40 00	Bonanza No. 3 Mine.....	do.....	
J. A. Brown.....	N. Hornberger.....	Aug. 5, 1879	40 00	Hornberger Quartz.....	Amador County.....	
A. B. Beauvais.....	J. P. Dyer.....	Aug. 5, 1879	40 00	Orominto.....	Calaveras County.....	
Do.....	do.....	Aug. 5, 1879	40 00	Enchantress Gold.....	do.....	
H. S. Bradley.....	Richard Neville.....	Aug. 7, 1879	40 00	Lowell Hill Placer.....	Nevada County.....	
D. D. Reaves.....	W. D. Wristan.....	Aug. 8, 1879	40 00	Sacramento Gold and Silver Quartz.....	Amador County.....	
C. L. Anderson.....	E. R. Burke.....	Aug. 11, 1879	45 00	Orient No. 3 South.....	Mono County.....	
Do.....	A. C. Dunn.....	Aug. 12, 1879	135 00	Birdie, Hyde, West Maryland, and Maryland.....	do.....	
Do.....	John Dixon.....	Aug. 14, 1879	40 00	Addenda.....	do.....	
A. G. Ruxton.....	C. E. Thom.....	Aug. 15, 1879	40 00	Mountain Chief.....	Ventura County.....	
Do.....	do.....	Aug. 15, 1879	40 00	Los Angeles.....	do.....	
Do.....	do.....	Aug. 15, 1879	40 00	Black Jack.....	do.....	
Do.....	do.....	Aug. 15, 1879	40 00	Higgins.....	do.....	
Do.....	do.....	Aug. 15, 1879	40 00	Prospero.....	do.....	
P. T. Baker.....	A. S. Davis.....	Aug. 15, 1879	40 00	White Chief No. 2, North Mine, and mill site.....	do.....	
J. A. Brown.....	Warner Craig.....	Aug. 18, 1879	45 00	South Spring Quartz.....	Amador County.....	
D. D. Reaves.....	George M. Skinner.....	Aug. 18, 1879	40 00	Western Extension, Pilot Knob Gold No. 2.....	do.....	
Do.....	W. H. Skinner.....	Aug. 18, 1879	40 00	Pilot Knob Gold Quartz.....	do.....	
R. H. Stretch.....	A. J. Sargent.....	Aug. 18, 1879	20 00	Sargent Quartz.....	do.....	
Leo. A. Scowden.....	J. S. Badgley.....	Aug. 19, 1879	45 00	Areo Placer Quartz.....	Mono County.....	



## J.—Statement of special deposits for office work in the survey of mining claims in California, &amp;c.—Continued.

Name of surveyor.	Name of depositor.	Date of deposit.	Deposit for salaries.	Name of mine.	Location of mine.	Remarks.
C. L. Anderson.....	O. S. Dawson.....	Aug. 22, 1879	\$45 00	Illinois Placer Quartz.....	Mono County.....	
F. von Light.....	Thomas Bell.....	Aug. 27, 1879	45 00	New Idria Quartz.....	Fresno County.....	
W. S. Lilien.....	H. M. Eddy.....	Sept. 4, 1879	45 00	Monticello.....	Mono County.....	
F. T. Perris.....	A. B. Hunt.....	Sept. 9, 1879	40 00	Lizzie Bullock and The Chief of Sin- ners' Lode.	San Bernardino County	
E. C. Uren.....	J. T. McKay.....	Sept. 10, 1879	45 00	Belcher Quartz.....	Nevada County.....	
J. A. Brown.....	Henry Hughes.....	Sept. 16, 1879	45 00	Pocahontas Quartz.....	Amador County.....	
H. S. Bradley.....	J. M. Walling.....	Sept. 18, 1879	45 00	New England and Brunswick.....	Nevada County.....	
	G. W. Kling.....	Sept. 18, 1879	15 00	Eclipse Extension Quartz.....	Amador County.....	
H. S. Bradley.....	J. M. Walling.....	Sept. 22, 1879	40 00	Sailor Flat.....	Nevada County.....	
Leo. A. Scowden.....	George K. Porter.....	Sept. 22, 1879	45 00	Russian Quartz.....	Mono County.....	
Do.....	do.....	Sept. 22, 1879	45 00	Palfrey Quartz.....	do.....	
Do.....	do.....	Sept. 22, 1879	45 00	Johnson Quartz.....	do.....	
Do.....	do.....	Sept. 22, 1879	45 00	Mars Quartz.....	do.....	
Do.....	O. H. La Grange.....	Oct. 1, 1879	45 00	Harrington Quartz.....	do.....	
Do.....	W. M. Stewart.....	Oct. 10, 1879	50 00	Noonday, North.....	do.....	
H. S. Bradley.....	J. M. Walling.....	Oct. 14, 1879	40 00	Perseverance and Live Yankee.....	Nevada County.....	
R. B. Symington.....	McFarland Farr.....	Oct. 14, 1879	45 00	Crary.....	Placer County.....	
Th. W. Reese.....	J. C. Logan.....	Oct. 15, 1879	40 00	Santa Nita.....	Butte County.....	
R. B. Thomas.....	Lorenzo Costa.....	Oct. 15, 1879	45 00	Tandem.....	Mariposa County.....	
Leo. A. Scowden.....	William Stuart.....	Oct. 16, 1879	45 00	Red Jacket Quartz.....	Mono County.....	
A. B. Beauvais.....	A. B. Paul.....	Oct. 21, 1879	40 00	South Bank Gold Quartz.....	Calaveras County.....	
Do.....	William Sharwood.....	Oct. 21, 1879	40 00	Bonita.....	Tuolumne County.....	
J. M. Anderson.....	O. P. Hart.....	Oct. 22, 1879	40 00	Montezuma.....	El Dorado County.....	
Samuel Bethell.....	G. Mitchler.....	Oct. 22, 1879	45 00	West Damascus Consolidated.....	Placer County.....	
F. T. Perris.....	A. B. Hunt.....	Oct. 23, 1879	50 00	Lizzie Bullock No. 3, and Little Giant	San Bernardino County	
A. W. Kelly.....	H. C. Newbury.....	Oct. 27, 1879	45 00	Chaparral Hill Consolidated.....	Plumas County.....	
A. B. Beauvais.....	J. P. Vincent.....	Oct. 29, 1879	40 00	Vanderbilt Quartz.....	Calaveras County.....	
Do.....	William Sharwood.....	Oct. 29, 1879	40 00	Kelty.....	Tuolumne County.....	
John A. Brown.....	G. W. Farr.....	Oct. 31, 1879	40 00	Allison & Steel.....	Amador County.....	
J. M. Anderson.....	A. E. Ball.....	Nov. 3, 1879	45 00	Old Hickory Quartz.....	El Dorado County.....	
John Gilcrest.....	J. S. Luty.....	Nov. 4, 1879	45 00	Wasatch.....	Mono County.....	
Do.....	do.....	Nov. 4, 1879	45 00	Nioma No. 1 Quartz.....	do.....	
L. B. Healy.....	B. C. Jackson.....	Nov. 4, 1879	45 00	Mountaineer.....	Del Norte County.....	
Do.....	Scott Tidball.....	Nov. 4, 1879	45 00	Big Flat.....	do.....	
Charles Kaufman.....	L. F. Cooper.....	Nov. 6, 1879	45 00	Big Flat No. 1.....	do.....	
Do.....	do.....	Nov. 6, 1879	45 00	Big Flat No. 2.....	do.....	
Do.....	do.....	Nov. 6, 1879	45 00	Big Flat No. 3.....	do.....	
Do.....	do.....	Nov. 6, 1879	45 00	Big Flat No. 4.....	do.....	
C. H. Seymore.....	George G. Allan.....	Nov. 7, 1879	40 00	Cyane Quartz.....	Nevada County.....	
J. M. Anderson.....	C. H. Weatherwax.....	Nov. 10, 1879	40 00	Chester Quartz.....	El Dorado County.....	
J. G. Jones.....	I. H. Clute.....	Nov. 12, 1879	40 00	Hope.....	Sierra County.....	
H. S. Bradley.....	J. M. Walling.....	Nov. 14, 1879	15 00	Perseverance and Live Yankee.....	Nevada County.....	



John Gilcrest.....	J. S. Luty .....	Nov. 14, 1879	45 00	Gold Hill .....	Mono County.....	
R. von Schneiden .....	C. E. Owen .....	Nov. 22, 1879	45 00	Owen & Hinkley.....	Siskiyou County.....	
Do .....	do .....	Nov. 18, 1879	45 00	Messner Placer .....	do .....	
J. A. Brown .....	Warren Craig .....	Nov. 18, 1879	5 00	South Spring Hill .....	Amador County .....	Additional.
J. M. Anderson .....	John Theison .....	Nov. 18, 1879	45 00	Coosumues Copper.....	El Dorado County .....	
D. D. Reaves .....	John Dixon .....	Nov. 18, 1879	45 00	Victoria .....	Amador County .....	
W. T. Lowden .....	Aaron Bell .....	Nov. 22, 1879	50 00	Sikes Placer .....	Trinity County .....	
R. B. Symington .....	J. J. Lyons .....	Nov. 25, 1879	45 00	Railroad or Deadwood .....	Nevada County.....	
Samuel Bethell .....	Samuel Bethell .....	Nov. 25, 1879	40 00	Rainbow Placer .....	Placer County .....	
J. A. Brown .....	E. Purcell .....	Dec. 2, 1879	45 00	Rising Star Quartz .....	Amador County .....	
	H. Gasquet .....	Dec. 3, 1879	45 00	Wingate Hill Placer .....	Del Norte County .....	
	Quincy Woodcock .....	Dec. 3, 1879	45 00	Wingate Creek .....	do .....	
H. S. Bradley .....	J. M. Walling .....	Dec. 12, 1879	10 00	Thomas Mine .....	Nevada County.....	
W. S. Lilien .....	J. D. Thompson .....	Dec. 13, 1879	5 00	Monte Christo .....	Mono County.....	Additional.
Do .....	do .....	Dec. 13, 1879	5 00	Silveropolis .....	do .....	Do.
Do .....	do .....	Dec. 13, 1879	5 00	Crescent .....	do .....	Do.
A. W. Kelly .....	Charles Altwood .....	Dec. 13, 1879	45 00	Spanish Peak Placer.....	do .....	
Samuel Bethell .....	G. W. Farr .....	Dec. 15, 1879	45 00	Julien Ledge .....	Nevada County .....	
A. B. Beauvais .....	A. B. Beauvais .....	Dec. 18, 1879	10 00	Enchantress and Orominto .....	Calaveras County .....	
R. B. Thomas .....	L. Costa .....	Dec. 20, 1879	5 00	Tandem Copper .....	Mariposa County .....	
William Crapo .....	George Jackson .....	Jan. 3, 1880	40 00	Occident .....	Inyo County .....	
Do .....	do .....	Jan. 3, 1880	40 00	Arnaha .....	do .....	
Do .....	do .....	Jan. 3, 1880	40 00	New Enterprise .....	do .....	
Samuel Bethell .....	W. D. Long .....	Jan. 3, 1880	50 00	Bald Mountain .....	Nevada County .....	
C. L. Anderson .....	W. H. Lent .....	Jan. 6, 1880	60 00	Tioga Consolidated .....	Mono County .....	
Leo. A. Scowden .....	do .....	Jan. 6, 1880	60 00	Bechtel Consolidated .....	do .....	
W. K. Boucher .....	John Sutherland .....	Oct. 28, 1879	45 00	Old Oaker Quartz .....	Amador County .....	
C. W. Hendel .....	N. Gard .....	Jan. 6, 1880	40 00	Fall River and Dutch .....	Plumas County .....	
H. S. Bradley .....	E. W. Roberts .....	Jan. 12, 1880	45 00	Washington Quartz .....	Nevada County .....	
J. M. Anderson .....	L. L. Baker .....	Jan. 12, 1880	45 00	McNulty .....	El Dorado County .....	
W. Magee .....	W. Magee .....	Jan. 16, 1880	40 00	Church Hill Placer .....	Shasta County .....	
A. B. Beauvais .....	John McDonough .....	Jan. 20, 1880	45 00	Auction Gold and Silver Quartz .....	Calaveras County .....	
L. A. Scowden .....	W. M. Stewart .....	Jan. 21, 1880	40 00	North Noonday .....	Mono County .....	
John A. Brown .....	James Morgan .....	Jan. 27, 1880	45 00	Amador Queen Nos. 1 and 2 .....	Amador County .....	
Benjamin Ross .....	G. W. Farr .....	Jan. 29, 1880	45 00	Mountain Mine and mill site .....	do .....	
J. M. Anderson .....	do .....	Jan. 31, 1880	12 00	Schwalm Marble .....	El Dorado County .....	
R. B. Symington .....	J. H. Mitchell .....	Feb. 3, 1880	45 00	Chicago Quartz .....	Placer County .....	
C. W. Hendel .....	Jacob Tomb .....	Feb. 10, 1880	10 00	Union Placer .....	Plumas County .....	Additional.
J. M. Anderson .....	J. Hendy .....	Feb. 12, 1880	20 00	California Mine and mill site .....	El Dorado County .....	Do.
E. C. Uren .....	Adam Barrett .....	Feb. 17, 1880	45 00	Bear River Placer .....	Placer County .....	
J. A. Brown .....	John Heard .....	Feb. 20, 1880	20 00	California Mine .....	Amador County .....	Additional.
John Goldsworthy .....	J. F. Dye .....	Feb. 21, 1880	10 00	Cesari Oil Mine .....	Ventura County .....	Do.
J. M. Anderson .....	H. E. Ball .....	Feb. 26, 1880	45 00	Peterson Quartz .....	El Dorado County .....	
Do .....	T. A. Galt .....	Feb. 27, 1880	40 00	Independent Quartz .....	do .....	
Benjamin Ross .....	W. H. Kruger .....	Mar. 1, 1880	45 00	Kruger Mine .....	Amador County .....	
Samuel Bethell .....	A. Burrows .....	Mar. 1, 1880	40 00	Tribute Quartz Mine .....	Nevada County .....	
J. M. Anderson .....	J. T. Sylvester .....	Mar. 2, 1880	45 00	Sleicher & Sylvester .....	Eldorado County .....	
W. R. Boucher .....	John Rathget .....	Mar. 4, 1880	45 00	Ambrosia Quartz .....	Calaveras County .....	
E. C. Uren .....	G. W. Farr .....	Mar. 5, 1880	20 00	Liberty Hill .....	Nevada County .....	
A. B. Beauvais .....	C. L. Street .....	Mar. 16, 1880	40 00	Summers Quartz .....	Tuolumne County .....	
James McGann .....	James McGann .....	Mar. 17, 1880	44 00	Monte de Ora .....	Butte County .....	
C. W. Hendel .....	E. W. Boyce .....	Mar. 18, 1880	10 00	Fair Play Gravel .....	Sierra County .....	Additional.



## J.—Statement of special deposits for office work in the survey of mining claims in California, &amp;c.—Continued.

Name of surveyor.	Name of depositor.	Date of deposit.	Deposit for salaries.	Name of mine.	Location of mine.	Remarks.
H. S. Bradley.....	J. M. Walling.....	Mar. 18, 1880	\$100 00	Sailor Flat Placer.....	Nevada County.....	
E. C. Uren.....	E. J. Blanding.....	Mar. 22, 1880	45 00	Wolverine Gravel Mine.....	Placer County.....	
H. S. Bradley.....	Dibble & Kitts.....	Mar. 22, 1880	15 00	Smuggler Mine.....	Nevada County.....	Additional.
A. B. Beauvais.....	W. H. Harris.....	Mar. 25, 1880	40 00	Mazepa Mine.....	Tuolumne County.....	
J. M. Anderson.....	C. H. Weatherwax.....	Mar. 25, 1880	10 00	Chester Quartz Mine.....	El Dorado County.....	Additional.
F. T. Perris.....	J. D. Cochran.....	Mar. 27, 1880	50 00	Alley Mine.....	San Bernardino County.....	
A. G. Ruxton.....	J. M. Elliott.....	Mar. 29, 1880	50 00	Los Angeles Company's Mines.....	do.....	
William Magee.....	R. G. Dunn.....	Mar. 29, 1880	15 00	Chance Quartz Mine.....	Shasta County.....	Additional.
J. R. Glover.....	F. Warner.....	Mar. 29, 1880	45 00	French Hill Gold Mine.....	Del Norte County.....	
E. C. Uren.....	J. M. Fritweiler.....	Mar. 31, 1880	40 00	Gold Channel River Placer.....	Placer County.....	
I. G. Jones.....	I. H. Chute.....	Apr. 1, 1880	10 00	Hope Mines.....	Sierra County.....	Additional.
John A. Brown.....	E. B. Dennison.....	Apr. 12, 1880	40 00	Florence Quartz Mine.....	Amador County.....	
Do.....	A. Hayward.....	Apr. 2, 1880	15 00	Indiana Quartz Mine.....	do.....	Additional.
A. B. Beauvais.....	F. Prudhomme.....	Apr. 9, 1880	40 00	Cordova Mine.....	Tuolumne County.....	
Do.....	L. L. Street.....	Apr. 13, 1880	40 00	Raw Hide Mine.....	do.....	
F. T. Perris.....	S. Marshall, jr.....	Apr. 13, 1880	45 00	Vista Mine.....	San Bernardino County.....	
Do.....	do.....	Apr. 13, 1880	45 00	Plainsville Mine.....	do.....	
D. D. Reaves.....	R. S. Feig <i>et als</i> .....	Apr. 17, 1880	45 00	Jupiter Quartz Mine.....	Amador County.....	
H. L. Lowden.....	W. S. Lowden.....	Apr. 19, 1880	40 00	Hanson Gold Placer.....	Trinity County.....	
William Minto.....	H. S. Knapp.....	Apr. 20, 1880	45 00	Phoenix Mine.....	Los Angeles County.....	
Charles Coffin.....	L. F. Cooper.....	Apr. 20, 1880	180 00	Big Flat Gravel Mining Company's Mines.....	Del Norte County.....	Additional.
A. B. Beauvais.....	William Sharwood.....	Apr. 26, 1880	40 00	Eubank Quartz Mine.....	Mariposa County.....	
von Schneiden.....	A. H. Denny.....	May 6, 1880	45 00	Last Chance Placer.....	Siskiyou County.....	
W. A. Scowden.....	William Stuart.....	May 6, 1880	45 00	Piute Quartz.....	Mono County.....	
John A. Brown.....	A. Hayward.....	May 6, 1880	25 00	Indiana Quartz.....	Amador County.....	
	G. W. Snell.....	May 10, 1880	10 00	Oaks Quartz Mine.....	do.....	
C. L. Anderson.....	C. H. Golding.....	May 11, 1880	100 00	Tioga Consolidated.....	Mono County.....	
A. G. Ruxton.....	S. P. Christy.....	May 11, 1880	45 00	San Francisco Oil Mine.....	Ventura County.....	
Do.....	do.....	May 11, 1880	45 00	Robarcito Oil Mine.....	do.....	
Do.....	do.....	May 11, 1880	45 00	Santa Clara Oil Mine.....	do.....	
Do.....	R. S. Baker.....	May 11, 1880	45 00	Pico Oil Mine.....	do.....	
H. L. Lowden.....	W. S. Lowden.....	May 12, 1880	40 00	Barthoel Jacob's Gold Placer.....	Trinity County.....	
William Crapo.....	George S. Hawley.....	May 15, 1880	45 00	Santa Vito No. 1 Silver Mine.....	Inyo County.....	
H. S. Bradley.....	E. W. Roberts.....	May 17, 1880	5 00	Washington Quartz.....	Nevada County.....	
A. B. Beauvais.....	C. W. Pierre.....	May 19, 1880	40 00	Deer Lodge Quartz.....	Calaveras County.....	
C. L. Anderson.....	John Dixon.....	May 21, 1880	45 00	Ben Butler Mine.....	Mono County.....	
Do.....	do.....	May 21, 1880	45 00	Silver Queen.....	do.....	
W. J. Lewis.....	B. B. Redding.....	May 21, 1880	25 00	Denver No. 2 Quicksilver.....	Sonoma County.....	
H. L. Lowden.....	W. S. Lowden.....	June 1, 1880	40 00	Oswald Gold Placer Mine.....	Trinity County.....	
J. M. Anderson.....	J. T. Silvester.....	June 2, 1880	10 00	Schleicher & Silvester Mine.....	El Dorado County.....	
H. S. Bradley.....	Niles Searls.....	June 3, 1880	45 00	Hazard Gravel Mine.....	Nevada County.....	
Leo. A. Scowden.....	O. H. La Grange.....	June 3, 1880	40 00	Harrington Mine.....	Mono County.....	



D. D. Reaves .....	Daniel Coughlin .....	June 4, 1880	45 00	Coughlin Quartz .....	mador County .....
J. M. Anderson .....	C. A. D. Gray .....	June 5, 1880	40 00	Grand Victory Quartz Mine .....	El Dorado County .....
Do .....	W. D. Knights .....	June 5, 1880	40 00	Promised Land Quartz .....	do .....
H. L. Lowden .....	Henry Lorenz .....	June 11, 1880	40 00	Hydraulic Hill Gold Placer Mine .....	Trinity County .....
B. B. Symington .....	F. von Buelow .....	June 11, 1880	45 00	Von Buelow Consolidated Gold Quartz .....	Nevada County .....
Leo. A. Scowden .....	W. H. Lent .....	June 11, 1880	75 00	Bechtel Consolidated .....	Mono County .....
A. W. Keddie .....	J. R. Whittock .....	June 12, 1880	40 00	Prospect Quartz .....	Plumas County .....
Samuel Bethell .....	Charles Rice .....	June 17, 1880	45 00	West Sugar Loaf Placer .....	Placer County .....
H. S. Bradley .....	Niles Searls .....	June 18, 1880	45 00	Snow Point Gravel .....	Nevada County .....
W. K. Boucher .....	W. J. Robinson .....	June 19, 1880	45 00	Mammoth Mine .....	Calaveras County .....
	Ellis Edwards .....	June 22, 1880	5 00	Gipsey Queen .....	Mono County .....
W. K. Boucher .....	E. A. Phelps .....	June 22, 1880	45 00	Banner Quartz .....	Calaveras County .....
J. M. Anderson .....	W. R. Knight .....	June 25, 1880	40 00	Gross Quartz No. 2 .....	El Dorado County .....
Do .....	J. P. Gross .....	June 25, 1880	40 00	Gross Quartz No. 1 .....	do .....
Do .....	do .....	June 25, 1880	40 00	Van Hooker Mine .....	do .....
E. C. Uren .....	Dibble Kitts .....	June 25, 1880	45 00	Mule Spring Ranch Placer .....	Nevada County .....
			7,681 00		



## K.—Statement of accounts of deputy surveyors paid from the appropriation for the survey of public lands in California during the fiscal year 1879-'80.

DR.				CR.		
Date of account.	In favor of—	Date of contract.	Amount.	Date.	On account of—	Amount.
Sept. 22, 1879	William Minto.....	Apr. 24, 1879	\$1, 033 03	July 1, 1879	By apportionment to this district .....	\$35, 000 00
Sept. 26, 1879	G. W. Baker .....	Apr. 23, 1879	5, 963 11	Feb. 14, 1880	By additional apportionment to this district .....	1, 732 85
Oct. 23, 1879	William Minto.....	Apr. 24, 1879	2, 879 15			
Dec. 3, 1879	do .....	Apr. 24, 1879	1, 860 21			
Aug. 25, 1879	J. R. Glover .....	Apr. 23, 1879	4, 632 03			
Sept. 12, 1879	Milton Santee.....	Apr. 24, 1879	3, 830 78			
Sept. 15, 1879	W. F. Benson .....	Apr. 23, 1879	7, 717 36			
Jan. 7, 1880	S. W. Brunt .....	May 12, 1879	5, 922 52			
Jan. 8, 1880	P. Y. Baker .....	May 24, 1879	377 51			
Jan. 16, 1880	A. B. Beauvais .....	Jan. 24, 1879	784 30			
Jan. 21, 1880	J. M. Anderson .....	May 14, 1879	1, 732 85			
			36, 732 85			36, 732 85

## K 1.—Statement of accounts paid from appropriation for the survey of confirmed private land claims and office expenses during the fiscal year 1879-'80.

DR.				CR.		
Date of account.	In favor of—	Date of contract.	Amount.	Date.	On account of—	Amount.
Oct. 20, 1879	August E. Gano .....	July 7, 1879	\$810 04	July 1, 1879	By appropriation to this district.....	\$3, 750 00
Nov. 18, 1879	M. T. Herrmann (instructions) .....		804 15			
Mar. 6, 1880	M. T. Herrmann .....	Aug. 12, 1879	334 65			
May 13, 1880	Frank Reade.....	Feb. 14, 1880	347 98			
	Balance .....		1, 453 18			
			3, 750 00			3, 750 00



Expenses under same appropriation.

DR.			CR.		
Date.	Disbursements.	Amount.	Date.	On account of—	Amount.
Sept. 30, 1879	To disbursements for first quarter .....	\$806 94	July 1, 1879	By apportionment to this district .....	\$3,750 00
Dec. 31, 1879	To disbursements for second quarter .....	984 88			
Mar. 31, 1880	To disbursements for third quarter .....	947 75			
June 30, 1880	To disbursements for fourth quarter .....	1,006 65			
	Balance .....	3 78			
		3,750 00			3,750 00

K 2.—Statement of account of appropriation for timber lands exclusively during the fiscal year 1879-'80.

DR.				CR.	
Date of account.	In favor of—	Date of contract.	Amount.	Date.	On account of—
Sept. 18, 1879	G. W. Baker .....	Feb. 1, 1879	\$2,263 40	Sept. 29, 1879	By apportionment to this district .....
Oct. 16, 1879	N. L. Berdan .....	July 23, 1878	1,247 00		
			3,510 40		
					3,510 40

K 3.—Statement of account of appropriation for examination of surveys in the field, 1879-'80.

DR.				CR.	
Date of account.	In favor of—	Date of contract.	Amount.	Date.	On account of—
Oct. 28, 1879	Theodore Wagner .....	.....	\$130 50	July 5, 1879	By apportionment to this district .....
Nov. 8, 1879	do .....	.....	212 91		
	Balance .....	.....	456 59		
			800 00		800 00



K 4.—Statement of account of appropriation for purchase of iron safe, 1879-'80.

DR.			CR.		
July 24, 1879	To two iron safes Nos. 20 and 25, as per my letter of July 14, 1879.....	\$975 00	July 1, 1879	By appropriation .....	\$1,000 00
Aug. 25, 1879	To expense in placing same.....	8 25			
	Balance .....	16 75			
		<u>1,000 00</u>			<u>1,000 00</u>

L.—Statement of accounts of appropriation for stationery, pay of messenger, and incidental expenses of the office of the United States surveyor general for California for the fiscal year ending June 30, 1880.

DR.			CR.		
Sept. 30, 1879	To disbursements for first quarter .....	\$977 65	July 1, 1879	By apportionment to this district .....	\$3,000 00
Dec. 31, 1880	To disbursements for second quarter .....	836 75			
Mar. 31, 1880	To disbursements for third quarter .....	180 60			
June 30, 1880	To disbursements for fourth quarter.....	1,001 25			
	Balance .....	4 35			
		<u>3,000 00</u>			<u>3,000 00</u>



M.—Account of appropriation for the salary of surveyor general for California during the fiscal year ending June 30, 1880.

DR.				CR.	
Sept. 30, 1879	To salary for first quarter .....	\$687 50	July 1, 1879	By apportionment for this district .....	\$2,750 00
Dec. 31, 1879	To salary for second quarter .....	687 50			
Mar. 30, 1880	To salary for third quarter .....	687 50			
June 30, 1880	To salary for fourth quarter .....	687 50			
		2,750 00			2,750 00

N.—Statement of account of appropriation for the compensation of clerks and draughtsmen, and for translating, copying, and indexing the Spanish archives in the office of the United States surveyor general for California during the fiscal year ending June 30, 1880.

in the office of the United States Surveyor General for California during the fiscal year ending June 30, 1880.

DR.			CR.		
Sept. 30, 1879	To disbursements for first quarter.....	\$4, 568 66	July 1, 1879	By apportionment for this district for translating, copying, and indexing the Spanish archives.....	\$9, 000 00
Dec. 31, 1879	To disbursements for second quarter .....	4, 905 89	July 1, 1879	By apportionment for this district for compensation of clerks and draughtsmen .....	11, 000 00
Mar. 31, 1880	To disbursements for third quarter .....	4, 732 14			
June 30, 1880	To disbursements for fourth quarter.....	5, 778 74			
	Balance.....	14 57			
		20, 000 00			20, 000 00



O.—Statement of special individual deposits with the United States Treasurer at San Francisco, Cal., during the fiscal year 1879-'80, for compensation of clerks and draughtsmen in the office of the United States surveyor general for California.

Number.	Date of deposit.	Name of depositor.	Location of survey.	Meridian.	Amount of deposit.
27	Aug. 1, 1879	H. K. Richie .....	Township 3 south, range 30 east..	Mount Diablo.	\$25 00
29	Aug. 1, 1879	Thos. Donahue.....	do .....	do .....	25 00
30	Aug. 1, 1879	do .....	do .....	do .....	25 00
34	Aug. 1, 1879	E. F. Fargo .....	Township 1 south, range 29 east..	do .....	125 00
33	Aug. 1, 1879	Peter Trombly.....	Township 10 south, range 3 east..	do .....	25 00
26	Aug. 1, 1879	H. R. Richie .....	Township 3 south, range 30 east..	do .....	25 00
52	Aug. 2, 1879	Richard G. Watkins	Township 7 north, range 22 east..	do .....	125 00
62	Aug. 9, 1879	Peter Trombly.....	Township 10 south, range 3 east..	do .....	60 00
66	Aug. 9, 1879	Dan Kelty.....	Township 1 south, range 31 east..	do .....	100 00
69	Aug. 9, 1879	Fred. Besnet.....	Township 6 south, range 35 east..	do .....	100 00
72	Aug. 9, 1879	L. Follman.....	Township 7 south, range 35 east..	do .....	100 00
77	Aug. 9, 1879	J. C. Mitchell .....	Township 1 south, range 32 east..	do .....	100 00
88	Aug. 12, 1879	John Neilson .....	Township 11 north, range 11 west..	do .....	25 00
89	Aug. 12, 1879	Thaddeus B. Kent..	Township 8 south, range 1 east..	do .....	100 00
90	Aug. 12, 1879	John H. Moore.....	Township 7 south, range 1 east..	do .....	60 00
98	Aug. 15, 1879	Louis Lammann .....	Township 1 south, range 26 east..	do .....	60 00
103	Aug. 15, 1879	J. L. Beebe .....	Township 2 south, range 27 east..	do .....	100 00
107	Aug. 15, 1879	G. C. Gracey .....	Township 2 south, range 28 east..	do .....	100 00
111	Aug. 15, 1879	John Kinney.....	Township 2 south, range 26 east..	do .....	100 00
123	Aug. 21, 1879	Stephen Cooper....	Township 18 north, range 8 west..	do .....	64 00
125	Aug. 27, 1879	Josiah Robinson ..	Township 23 south, range 8 east..	do .....	40 00
129	Aug. 27, 1879	Asa Lawrence .....	Township 2 south, range 1 east..	Humboldt.....	100 00
133	Aug. 27, 1879	G. Harrington .....	Township 1 south, range 1 east..	do .....	100 00
137	Aug. 27, 1879	Reuben Reed .....	Township 5 south, range 3 east..	do .....	100 00
141	Aug. 27, 1879	F. M. How .....	Township 2 south, range 2 east..	do .....	100 00
151	Sept. 10, 1879	John T. Long .....	Township 33 north, range 14 east..	Mount Diablo	100 00
156	Sept. 10, 1879	L. H. Breed .....	Township 27 north, range 13 east..	do .....	125 00
159	Sept. 10, 1879	N. Clark .....	Township 27 north, range 14 east..	do .....	100 00
164	Sept. 10, 1879	J. I. Ingrem .....	Township 32 north, range 14 east..	do .....	100 00
168	Sept. 10, 1879	J. R. Blood .....	Township 29 north, range 17 east..	do .....	62 00
175	Sept. 12, 1879	Wm. A. Davis .....	Township 26 north, range 9 east..	do .....	125 00
177	Sept. 12, 1879	A. Clifford .....	Township 26 north, range 10 east..	do .....	48 00
181	Sept. 12, 1879	J. S. Downing .....	Township 27 north, range 10 east..	do .....	75 00
184	Sept. 12, 1879	C. D. Morehouse ..	Township 27 north, range 11 east..	do .....	50 00
188	Sept. 16, 1879	Geo. T. Petty .....	Township 40 north, range 12 east..	do .....	50 00
190	Sept. 18, 1879	F. P. Crocker .....	Township 10 north, range 13 west..	do .....	60 00
193	Sept. 18, 1879	Wm. A. Sterling ..	Township 4 south, range 32 east..	do .....	84 00
196	Sept. 18, 1879	D. E. Corbett.....	Township 3 south, range 32 east..	do .....	54 00
201	Sept. 18, 1879	J. H. Taylor.....	Township 3 south, range 31 east..	do .....	100 00
210	Sept. 18, 1879	D. I. Philbrick .....	Township 16 north, range 15 west..	do .....	2 00
218	Sept. 29, 1879	G. G. Kimball.....	Township 29 north, range 5 east..	do .....	20 00
229	Oct. 13, 1879	W. S. Paige .....	Township 7 south, range 5 east..	do .....	4 02
235	Oct. 16, 1879	California and Oregon Railroad Co.	List No. 6, granted limits.....		264 00
236	Oct. 16, 1879	do .....	List No. 6, indemnity limits .....		444 00
242	Oct. 21, 1879	do .....	List No. 5, granted limits.....		528 00
243	Oct. 21, 1879	do .....	List No. 5, indemnity limits .....		24 00
292	Nov. 26, 1879	do .....	List No. 7, indemnity limits .....		264 00
293	Nov. 26, 1879	do .....	List No. 7, granted limits.....		312 00
299	Nov. 28, 1879	A. H. Ruggles.....	Township 25 north, range 16 east..	Mount Diablo.	100 00
305	Nov. 28, 1879	Corey S. Alverson..	Township 24 north, range 16 east..	do .....	100 00
308	Nov. 28, 1879	George S. Price .....	Township 26 north, range 15 east..	do .....	100 00
309	Nov. 28, 1879	W. O. Lundy .....	Township 2 north, range 25 east..	do .....	100 00
312	Dec. 2, 1879	W. H. Miller .....	Township 13 south, range 23 east..	do .....	50 00
330	Dec. 2, 1879	John Henry.....	Township 22 north, range 10 west..	do .....	150 00
318	Dec. 2, 1879	John Cox .....	Township 21 north, range 9 west..	do .....	150 00
324	Dec. 2, 1879	John Boynton .....	Township 22 north, range 9 west..	do .....	150 00
339	Dec. 2, 1879	Edwin Cooke .....	Township 22 north, range 11 west..	do .....	100 00
336	Dec. 2, 1879	William Kyme.....	Township 21 north, range 10 west..	do .....	150 00
349	Dec. 4, 1879	J. Rohekroft.....	Township 21 north, range 7 west..	do .....	150 00
354	Dec. 4, 1879	Leonard Craig .....	Township 22 north, range 7 west..	do .....	150 00
358	Dec. 4, 1879	John Hope.....	Township 23 north, range 9 west..	do .....	150 00
386	Dec. 9, 1879	George S. Price.....	Township 26 north, range 15 west..	do .....	150 00
389	Dec. 9, 1879	Henry Lang .....	Township 24 south, range 9 east..	do .....	70 00
394	Dec. 11, 1879	T. A. Magee .....	Township 45 north, range 2 east..	do .....	150 00
398	Dec. 11, 1879	B. F. Lewis .....	Township 47 north, range 2 west..	do .....	150 00
401	Dec. 11, 1879	G. E. Kentner.....	Township 48 north, range 2 west..	do .....	100 00
440	Jan. 2, 1880	Eldridge Ball .....	Township 46 north, range 2 west..	do .....	150 00
445	Jan. 2, 1880	Geo. Bordwell.....	Township 43 north, range 3 east..	do .....	150 00
448	Jan. 2, 1880	J. D. Gray .....	Township 43 north, range 2 east..	do .....	150 00
460	Jan. 6, 1880	Chas. B. Boyer .....	Township 47 north, range 2 west..	do .....	160 00
470	Jan. 8, 1880	Julius Reiner.....	Township 44 north, range 1 east..	do .....	150 00
472	Jan. 8, 1880	D. R. McKillican...	Township 45 north, range 1 east..	do .....	150 00
484	Jan. 10, 1880	C. D. Turner .....	Township 48 north, range 1 west..	do .....	150 00
490	Jan. 10, 1880	J. Henry .....	Township 44 north, range 1 west..	do .....	150 00



## O.—Statement of special individual deposits, &amp;c.—Continued.

Number.	Date of deposit.	Name of depositor.	Location of survey.	Meridian.	Amount of deposit.
496	Jan. 10, 1880	A. Entzman.....	Township 46 north, range 1 east..	Mount Diablo	\$150 00
497	Jan. 10, 1880	W. A. Sterling.....	Township 4 south, range 32 east..	do .....	100 00
502	Jan. 16, 1880	J. P. Mulroney.....	Township 26 north, range 12 east..	do .....	100 00
504	Jan. 17, 1880	Central Pacific Railroad Co.	List No. 10.....	do .....	10 00
511	Jan. 23, 1880	do .....	List No. 8.....	do .....	174 00
518	Jan. 26, 1880	W. W. Yandell.....	Township 5 south, range 32 east..	Mount Diablo.	150 00
523	Jan. 26, 1880	Dan McCarty.....	Township 8 south, range 31 east..	do .....	100 00
526	Jan. 26, 1880	A. Warnsley.....	Township 7 south, range 32 east..	do .....	50 00
530	Jan. 26, 1880	D. Campbell.....	Township 9 south, range 32 east..	do .....	75 00
533	Jan. 26, 1880	Stephen G. Gregg..	Township 8 south, range 32 east..	do .....	50 00
535	Jan. 26, 1880	F. M. Turner.....	Township 9 south, range 33 east..	do .....	50 00
537	Jan. 26, 1880	James M. Custer...	Township 7 south, range 31 east..	do .....	150 00
547	Jan. 26, 1880	J. E. Warner.....	Township 4 south, range 31 east..	do .....	150 00
550	Jan. 26, 1880	David P. Hall.....	Township 5 south, range 31 east..	do .....	75 00
563	Feb. 3, 1880	John Neilson.....	Township 11 north, range 11 west..	do .....	35 00
586	Mar. 2, 1880	Parley H. Green...	Township 19 north, range 7 west..	do .....	150 00
592	Mar. 2, 1880	W. C. Drinkwater..	Township 30 north, range 11 west..	do .....	100 00
598	Mar. 2, 1880	Thom. Williams...	Township 30 north, range 12 west..	do .....	100 00
604	Mar. 2, 1880	J. Gleeson.....	Township 21 north, range 8 west..	do .....	150 00
610	Mar. 2, 1880	Warren Green...	Township 20 north, range 7 west..	do .....	150 00
612	Mar. 3, 1880	Central Pacific Railroad Co.	List No. 4, Sacramento land district	do .....	35 00
613	Mar. 3, 1880	do .....	List No. 11, Stockton land district.	do .....	7 50
615	Mar. 4, 1880	George F. Witham..	Township 6 north, range 6 west..	Mount Diablo.	50 00
616	Mar. 4, 1880	J. V. Wayman.....	do .....	do .....	50 00
621	Mar. 16, 1880	W. H. Thomas.....	Township 4 north, range 14 west..	San Bernardino	100 00
626	Mar. 16, 1880	Noah Chusco.....	Township 5 north, range 14 west..	do .....	150 00
629	Mar. 16, 1880	Faustina Acosta...	Township 5 north, range 16 west..	do .....	150 00
638	Mar. 17, 1880	George D. Rush....	Township 5 north, range 13 west..	do .....	150 00
651	Mar. 17, 1880	Constant Lebran...	Township 5 north, range 15 west..	do .....	150 00
656	Mar. 17, 1880	Calimero Goamone..	Township 5 north, range 12 west..	do .....	150 00
661	Mar. 17, 1880	Anton Mallaonowitz	Township 4 north, range 13 west..	do .....	150 00
662	Mar. 17, 1880	M. Nathanson.....	Township 5 north, range 5 west..	Mount Diablo.	60 00
671	Mar. 18, 1880	C. Bates.....	Township 23 north, range 10 west..	do .....	150 00
673	Mar. 18, 1880	E. J. Spinaz.....	Township 22 north, range 17 east..	do .....	50 00
676	Mar. 18, 1880	Frank Shaw.....	Township 1 south, range 28 east..	do .....	50 00
682	Mar. 19, 1880	Thos. Murphy.....	Township 1 south, range 30 east..	do .....	150 00
687	Mar. 19, 1880	C. G. Kennedy.....	Township 6 south, range 26 east..	do .....	150 00
692	Mar. 19, 1880	L. M. Payson.....	Township 8 south, range 38 east..	do .....	125 00
697	Mar. 19, 1880	James T. Ashmore..	Township 8 south, range 35 east..	do .....	100 00
703	Mar. 19, 1880	U. B. McSwiney...	Township 6 south, range 37 east..	do .....	125 00
704	Mar. 19, 1880	E. L. Wigglesworth..	Township 6 south, range 36 east..	do .....	50 00
705	Mar. 19, 1880	E. Benton.....	Township 5 south, range 1 east..	San Bernardino	100 00
710	Mar. 19, 1880	W. H. Bradley.....	Township 5 south, range 2 east..	do .....	100 00
712	Mar. 19, 1880	do .....	Township 5 south, range 3 east..	do .....	100 00
722	Mar. 20, 1880	N. Gilbert.....	Township 7 south, range 36 east..	Mount Diablo.	125 00
728	Mar. 20, 1880	Samuel Chalmer...	Township 7 south, range 37 east..	do .....	125 00
731	Mar. 20, 1880	N. J. Piper.....	Township 5 south, range 37 east..	do .....	100 00
733	Mar. 20, 1880	J. W. McMurry....	Township 8 south, range 36 east..	do .....	50 00
736	Mar. 20, 1880	J. R. McNeas.....	Township 5 south, range 37 east..	do .....	50 00
738	Mar. 20, 1880	James Mitchell....	Township 28 south, range 15 east..	do .....	50 00
740	Mar. 20, 1880	P. O. Donovan.....	Township 28 south, range 14 east..	do .....	50 00
746	Mar. 22, 1880	T. A. McKinnon...	Township 29 south, range 14 east..	do .....	150 00
754	Mar. 22, 1880	Geo. W. Richardson	Township 29 south, range 15 east..	do .....	50 00
760	Mar. 25, 1880	Jas. E. Foster.....	Township 11 south, range 37 east..	do .....	150 00
750	Mar. 22, 1880	George W. Rector..	Township 30 south, range 14 east..	do .....	100 00
766	Mar. 25, 1880	E. C. Damon.....	Township 13 south, range 38 east..	do .....	150 00
774	Mar. 25, 1880	Martin A. Jones...	Township 13 south, range 39 east..	do .....	150 00
775	Mar. 26, 1880	Chas. A. McLean...	Township 9 south, range 34 east..	do .....	40 00
781	Mar. 26, 1880	S. W. Walker.....	Township 9 south, range 35 east..	do .....	150 00
782	Mar. 26, 1880	J. M. Morris.....	Township 8 north, range 5 west..	do .....	50 00
793	Mar. 30, 1880	H. A. Bristol.....	Township 14 north, range 6 west..	do .....	150 00
795	Mar. 30, 1880	Chas. Green.....	Township 17 north, range 6 west..	do .....	50 00
800	Mar. 30, 1880	John H. H. Ellis...	Township 16 north, range 6 west..	do .....	150 00
801	Mar. 30, 1880	David B. Stiles....	Township 14 north, range 5 west..	do .....	50 00
803	Mar. 31, 1880	Pacific Coast Steamship Co.	Township 13 south, range 2 east..	do .....	24 50
807	Apr. 1, 1880	Thomas Fradett...	Township 6 south, range 38 east..	do .....	80 00
808	Apr. 1, 1880	Thomas M. Allen...	Township 9 south, range 39 east..	do .....	30 00
809	Apr. 1, 1880	Thomas Fradett...	Township 5 south, range 38 east..	do .....	20 00
813	Apr. 1, 1880	James M. Allen...	Township 9 south, range 38 east..	do .....	57 10
815	Apr. 1, 1880	Jos. H. Thorp.....	Township 7 south, range 38 east..	do .....	50 00
837	Apr. 14, 1880	Christiano Duvaes..	Township 13 south, range 10 east..	do .....	100 00
843	Apr. 14, 1880	Benigno Soto.....	Township 13 south, range 9 east..	do .....	100 00
846	Apr. 14, 1880	Jose Meiers.....	Township 13 south, range 11 east..	do .....	50 00
849	Apr. 14, 1880	Jean Rousseau.....	Township 14 south, range 9 east..	do .....	50 00
861	Apr. 14, 1880	George W. Lechler..	Township 5 north, range 18 east..	San Bernardino	100 00



## O.—Statement of special individual deposits, &amp;c.—Continued.

Number.	Date of deposit.	Name of depositor.	Location of survey.	Meridian.	Amount of deposit.
865	Apr. 15, 1880	Juventino Del Valle	Township 4 north, range 19 east..	San Bernardino	\$50 00
870	Apr. 15, 1880	Jose E. Lopez.....	Township 5 north, range 17 east..	do .....	80 00
872	Apr. 17, 1880	Central Pacific Railroad Co.	List No. 20.....	do .....	7 41
921	Apr. 27, 1880	Jos. B. Stanton.....	Township 15 north, range 6 west..	Mount Diablo..	100 00
922	Apr. 27, 1880	John F. Fouts.....	Township 17 north, range 7 west..	do .....	100 00
925	May 4, 1880	Central Pacific Railroad Co.	List No. 9, granted limits, Marysville district.	do .....	93 40
926	May 5, 1880	Theodore Le Roy ..	Resurvey, Rancho Casmalia.....	do .....	75 00
948	May 6, 1880	S. W. St. John.....	Township 6 south, range 1 east..	San Bernardino	100 00
1011	May 18, 1880	Benj. Turner.....	Township 40 north, range 14 east..	Mount Diablo..	150 00
1014	May 18, 1880	A. Wilson .....	Township 40 north, range 15 east..	do .....	40 00
1019	May 18, 1880	J. T. Riley .....	Township 39 north, range 15 east..	do .....	75 00
1026	May 20, 1880	D. F. Wittenburg ..	Township 31 north, range 14 east..	do .....	100 00
1028	May 20, 1880	James Mitchell ....	Township 28 north, range 15 east..	do .....	50 00
1032	May 20, 1880	A. C. McLeod .....	Township 31 north, range 15 east..	do .....	100 00
1085	May 21, 1880	Chas. Stone .....	Township 7 north, range 24 east..	do .....	50 00
1091	May 21, 1880	John Hardwick.....	Township 6 north, range 25 east..	do .....	100 00
1094	May 22, 1880	Chas. G. Thompson..	Township 3 north, range 25 east..	do .....	50 00
1098	May 22, 1880	G. Johnson .....	Township 7 north, range 25 east..	do .....	50 00
1104	May 22, 1880	Robert Boyle .....	Township 12 north, range 4 west..	do .....	150 00
1110	May 22, 1880	Thom. O. Kennedy ..	Township 13 north, range 5 west..	do .....	150 00
1113	May 22, 1880	R. C. Anderson.....	Township 13 north, range 4 west..	do .....	75 00
1115	May 22, 1880	Henry Schooler ....	Township 11 north, range 4 west..	do .....	50 00
1117	May 22, 1880	Jos. Delaney .....	Township 12 north, range 3 west..	do .....	50 00
1133	May 22, 1880	Alonzo Sano .....	Township 28 south, range 13 east..	do .....	50 00
1137	May 22, 1880	N. Gillespie .....	Township 26 south, range 8 east..	do .....	50 00
1140	May 22, 1880	Thom. Sawyer .....	Township 29 south, range 13 east..	do .....	50 00
1144	May 22, 1880	W. L. Mathews .....	Township 28 south, range 11 east..	do .....	50 00
1150	May 22, 1880	Frank Mills .....	Township 23 south, range 9 east..	do .....	150 00
1156	May 22, 1880	F. H. Hall .....	Township 24 south, range 10 east..	do .....	150 00
1168	June 1, 1880	Central Pacific Railroad Co.	do .....	do .....	494 59
1193	June 7, 1880	do .....	do .....	do .....	93 77
1194	June 7, 1880	do .....	do .....	do .....	404 22
1196	June 9, 1880	do .....	do .....	do .....	68 71
					18, 838 92

O 1.—Statement of special individual deposits with the United States treasurer at San Francisco, Cal., during the fiscal year 1879-'80, for compensation of clerks and draughtsmen in the office of the United States surveyor general for California.

Number.	Date of deposit.	Name of depositor.	Name of mine.	County.	Amount of deposit.
1	July 1, 1879	Charles Bassett ....	Capital quartz mine.....	Amador.....	\$40 00
3	July 8, 1879	W. A. Stewart .....	Noonday mine .....	Mono .....	75 00
4	July 8, 1879	do .....	East Noonday .....	do .....	40 00
5	July 8, 1879	do .....	Keystone quartz .....	do .....	40 00
6	July 11, 1879	Henry Steel.....	Allison & Steel copper mine .....	Amador.....	40 00
8	July 14, 1879	Geo. P. Thurston ..	Pittsburgh mine.....	Yuba .....	40 00
9	July 16, 1879	Theo. Steel .....	Inea mine .....	Mono .....	40 00
10	July 19, 1879	Gilbert Clement ...	Snow Storm .....	San Bernardino	45 00
13	July 22, 1879	W. E. Hopping.....	Dudley placer .....	Shasta .....	10 00
14	July 23, 1879	G. K. Porter .....	Porter placer .....	Mono .....	40 00
15	July 23, 1879	A. F. Bryant .....	Bryant placer .....	do .....	40 00
19	July 28, 1879	Gottlob Mitchler ..	Consolidated Blue Wing placer...	Placer .....	45 00
20	July 28, 1879	Henry W. Wilson..	East Green Spring.....	do .....	10 00
22	July 28, 1879	Amos Hill <i>et al</i> ....	Mammoth Gravel Mining Company.	Butte .....	20 00
23	July 28, 1879	Thomas Wallace...	Little Butte, Old Channel gold gravel.	do .....	20 00
24	July 28, 1879	W. D. Lond .....	Back Bone .....	Nevada .....	40 00
36	Aug. 1, 1879	Thos. A. White ....	Hayes lode mine .....	Mono .....	40 00
53	Aug. 4, 1879	Geo. P. Thurston ..	Pittsburgh mine.....	Yuba .....	10 00
54	Aug. 4, 1879	W. A. Neville.....	Mammoth gold quartz mine .....	Amador.....	40 00
55	Aug. 5, 1879	W. F. Leon .....	Governor Stanford mine .....	Mono .....	40 00
56	Aug. 5, 1879	do .....	Bonanza No. 3 mine.....	do .....	40 00



## O 1.—Statement of special individual deposits, &amp;c.—Continued.

Number.	Date of deposit.	Name of depositor.	Name of mine.	County.	Amount of deposit.
57	Aug. 5, 1879	N. Hornberger	Hornberger quartz	Amador	\$40 00
58	Aug. 5, 1879	J. P. Dyer	Orominto mine	Calaveras	40 00
59	Aug. 5, 1879	do	Enchantress gold mine	do	40 00
60	Aug. 7, 1879	Richard Neville	Lowell Hill placer mine	Nevada	40 00
61	Aug. 8, 1879	W. D. Wristan	Sacramento gold-silver quartz	Amador	40 00
86	Aug. 11, 1879	E. R. Burke	Orient No. 3 south	Mono	45 00
87	Aug. 12, 1879	A. C. Dunn	Birdie Hyde, West Maryland, and Maryland.	do	135 00
91	Aug. 14, 1879	John Dixon	Addenda	do	40 00
92	Aug. 15, 1879	C. E. Thom	Mountain Chief	Ventura	40 00
93	Aug. 15, 1879	do	Los Angeles	do	40 00
94	Aug. 15, 1879	do	Black Jack	do	40 00
95	Aug. 15, 1879	do	Higgins	do	40 00
96	Aug. 15, 1879	do	Prospero	do	40 00
112	Aug. 15, 1879	A. S. Davis	White Chief No. 2 North mine and mill site.	do	40 00
113	Aug. 18, 1879	Warner Craig	South Spring quartz	Amador	45 00
114	Aug. 18, 1879	George M. Skinner	Western Extension Pilot Knob gold quartz.	do	40 00
115	Aug. 18, 1879	W. H. Skiner	Pilot Knob gold quartz	do	40 00
116	Aug. 18, 1879	A. J. Sargent	Sargent quartz	do	20 00
118	Aug. 19, 1879	J. S. Badgley	Arco placer	Mono	45 00
124	Aug. 22, 1879	I. S. Dawson	Illinois placer	do	45 00
142	Aug. 27, 1879	Thomas Bell	New Idea	Fresno	45 00
144	Sept. 4, 1879	H. M. Eddy	Monticello	Mono	45 00
147	Sept. 9, 1879	A. B. Hunt	Lizzie Bullock and the Chief of Sinners lode.	San Bernardino	40 00
157	Sept. 10, 1879	J. F. McKay	Belcher quartz mine	Nevada	45 00
185	Sept. 16, 1879	Henry Hughes	Pocahontas quartz	Amador	45 00
202	Sept. 18, 1879	J. M. Walling	New England and Brunswick	Nevada	45 00
203	Sept. 18, 1879	G. W. King	Eclipse Extension quartz	Amador	15 00
205	Sept. 22, 1879	J. M. Walling	Sailor Flat	Nevada	40 00
206	Sept. 22, 1879	George K. Porter	Russian quartz	Mono	45 00
207	Sept. 22, 1879	do	Palfrey quartz	do	45 00
208	Sept. 22, 1879	do	Johnson quartz	do	45 00
209	Sept. 22, 1879	do	Mars quartz	do	45 00
220	Oct. 1, 1879	O. H. La Grange	Harrington	do	45 00
227	Oct. 10, 1879	W. M. Stewart	Noonday (north)	do	50 00
230	Oct. 14, 1879	J. M. Walling	Perseverance and Live Yankee	Nevada	40 00
231	Oct. 14, 1879	McFarland & Farr	Crary	Placer	45 00
232	Oct. 15, 1879	J. C. Logan	Santa Vita	Butte	40 00
233	Oct. 15, 1879	Lorenzo Costa	Tandem	Mariposa	45 00
234	Oct. 16, 1879	William Stuart	Red Jacket quartz	Mono	45 00
241	Oct. 21, 1879	A. B. Paul	South Bank gold quartz	Calaveras	40 00
244	Oct. 21, 1879	Wm. Sharwood	Bonita	Tuolumne	40 00
245	Oct. 22, 1879	O. P. Hart	Montezuma	El Dorado	40 00
246	Oct. 22, 1879	G. Mitchler	West Damascus Consolidated	Placer	45 00
247	Oct. 23, 1879	A. B. Hunt	Lizzie Bullock No. 3 and Little Giant	San Bernardino	50 00
248	Oct. 27, 1879	H. C. Newbury	Chaparral Hill Consolidated	Plumas	45 00
254	Oct. 29, 1879	J. P. Vincent	Vanderbilt quartz	Calaveras	40 00
255	Oct. 29, 1879	Wm. Sharwood	Keltz	Tuolumne	40 00
256	Oct. 31, 1879	G. W. Farr	Allison & Stull	Amador	40 00
261	Nov. 3, 1879	A. E. Ball	Old Hickory quartz	El Dorado	45 00
264	Nov. 4, 1879	J. S. Lutz	Wasatch	Mono	45 00
265	Nov. 4, 1879	do	Vienna No. 1 quartz	do	45 00
262	Nov. 4, 1879	B. C. Jackson	Mountaineer	Del Norte	45 06
263	Nov. 4, 1879	Scott Tidball	Big Flat	do	45 00
267	Nov. 6, 1879	L. F. Cooper	Big Flat No. 1	do	45 00
268	Nov. 6, 1879	do	Big Flat No. 2	do	45 00
269	Nov. 6, 1879	do	Big Flat No. 3	do	45 00
270	Nov. 6, 1879	do	Big Flat No. 4	do	45 00
271	Nov. 7, 1879	George G. Allan	Cyane quartz	Nevada	40 00
277	Nov. 10, 1879	C. H. Weatherwax	Chester quartz	El Dorado	40 00
278	Nov. 12, 1879	J. H. Clute	Hope	Sierra	40 00
279	Nov. 14, 1879	J. M. Walling	Perseverance and Live Yankee	Nevada	15 00
280	Nov. 14, 1879	J. S. Lutz	Gold Hill	Mono	45 00
281	Nov. 18, 1879	J. M. Messner	Messner placer	Siskiyou	45 00
282	Nov. 18, 1879	Warren Craig	South Spring mill	Amador	5 00
283	Nov. 18, 1879	John Theison	Cossumneo copper	El Dorado	45 00
284	Nov. 18, 1879	John Dixon	Victoria	Amador	45 00
286	Nov. 22, 1879	C. E. Owen	Owen & Hinkley	Siskiyou	45 00
287	Nov. 22, 1879	Aaron Bell	Sikes placer	Trinity	50 00
288	Nov. 25, 1879	J. J. Lyons	Railroad or Deadwood	Nevada	45 00
289	Nov. 25, 1879	Sam. Bethell	Rainbow placer	Placer	40 00
311	Dec. 2, 1879	E. Purcell	Rising Star quartz	Amador	45 00
340	Dec. 3, 1879	H. Gasquet	Wingate Hill placer	Del Norte	45 00
341	Dec. 3, 1879	Quincy Woodcock	Wingate Creek	do	45 00



## O 1.—Statement of special individual deposits, &amp;c.—Continued.

Number.	Date of deposit.	Name of depositor.	Name of mine.	County.	Amount of deposit.
402	Dec. 12, 1879	J. M. Walling .....	Thomas mine .....	Nevada .....	\$10 00
409	Dec. 13, 1879	J. D. Thompson .....	Monte Christo .....	Mono .....	5 00
410	Dec. 13, 1879	.....do .....	Silveropolis .....	.....do .....	5 00
411	Dec. 13, 1879	.....do .....	Crescent .....	.....do .....	5 00
412	Dec. 13, 1879	Charles Altwood ..	Spanish Peak placer .....	.....do .....	45 00
416	Dec. 15, 1879	G. W. Farr .....	Indian Lodge .....	.....do .....	45 00
417	Dec. 18, 1879	A. B. Beauvaro .....	Enchantress and Oranonto .....	Calaveras .....	10 00
429	Dec. 20, 1879	L. Costa .....	Tandem copper .....	Mariposa .....	5 00
454	Jan. 3, 1880	George Jackson .....	Occident .....	Inyo .....	40 00
455	Jan. 3, 1880	.....do .....	Aromagha .....	.....do .....	40 00
456	Jan. 3, 1880	Thomas Henning ..	New Enterprise .....	.....do .....	40 00
457	Jan. 3, 1880	W. D. Long .....	Bald Mountain .....	Nevada .....	50 00
459	Jan. 6, 1880	W. H. Lent .....	Tioga Consolidated .....	Mono .....	60 00
458	Jan. 6, 1880	.....do .....	Bechtel Consolidated .....	.....do .....	60 00
251	Oct. 28, 1879	John Sutherland ..	Old Iaker quartz .....	Amador .....	45 00
461	Jan. 8, 1880	N. Gard .....	Fall River and Dntch .....	Plumas .....	40 00
498	Jan. 12, 1880	E. W. Roberts .....	Washington quartz .....	Nevada .....	45 00
499	Jan. 12, 1880	L. L. Baker .....	McNulty .....	El Dorado .....	45 00
503	Jan. 16, 1880	W. Magee .....	Church Hill placer .....	Shasta .....	40 00
506	Jan. 20, 1880	John McDonough ..	Auction gold and silver quartz ..	Calaveras .....	45 00
509	Jan. 21, 1880	W. M. Stewart .....	North Noonday .....	Mono .....	40 00
552	Jan. 27, 1880	James Morgan .....	Amador Queen No. 1 and No. 2 ..	Amador .....	45 00
553	Jan. 29, 1880	G. W. Farr .....	Mountain mine and mill-site .....	.....do .....	45 00
561	Jan. 31, 1880	.....do .....	Schwalm marble .....	El Dorado .....	12 00
562	Feb. 3, 1880	J. H. Mitchell .....	Chicago quartz .....	Placer .....	45 00
566	Feb. 10, 1880	Jacob Tomb .....	Union placer .....	Plumas .....	10 00
568	Feb. 12, 1880	J. Hendy .....	California mine and mill-site .....	El Dorado .....	20 00
571	Feb. 17, 1880	Adam Barrett .....	Bear River placer .....	Placer .....	45 00
574	Feb. 20, 1880	John Heard .....	California mine .....	Amador .....	20 00
575	Feb. 21, 1880	J. F. Dye .....	Cesari Oil mine .....	Ventura .....	10 00
576	Feb. 26, 1880	H. E. Ball .....	Peterson quartz .....	El Dorado .....	45 00
577	Feb. 27, 1880	T. A. Galt .....	Independent quartz .....	.....do .....	40 00
579	Mar. 1, 1880	W. H. Kruger .....	Kruger mine .....	Amador .....	45 00
580	Mar. 1, 1880	A. Burrows .....	Tribute quartz .....	Nevada .....	40 00
611	Mar. 2, 1880	J. T. Silvester .....	Schleicher & Silvester mine .....	El Dorado .....	45 00
614	Mar. 4, 1880	John Rathget .....	Ambrosia quartz .....	Calaveras .....	45 00
618	Mar. 5, 1880	G. W. Farr .....	Liberty Hill mine .....	Nevada .....	20 00
631	Mar. 16, 1880	C. L. Street .....	Summers' quartz mine .....	Tuolumne .....	40 00
665	Mar. 17, 1880	James McGann .....	Monte de Oro .....	Butte .....	44 00
672	Mar. 18, 1880	E. W. Boyce .....	Fair Play gravel .....	Sierra .....	10 00
677	Mar. 18, 1880	J. M. Walling .....	Sailor Flat placer .....	Nevada ..	100 00
751	Mar. 22, 1880	E. J. Blanding .....	Wolverine gravel mine .....	Placer .....	45 00
752	Mar. 22, 1880	Dibbler & Kitts ..	Smngler mine .....	Nevada .....	15 00
767	Mar. 25, 1880	W. H. Harris .....	Mazepa mine .....	Tuolumne .....	40 00
768	Mar. 25, 1880	C. H. Weatherwax ..	Chester quartz mine .....	El Dorado .....	10 00
783	Mar. 27, 1880	J. D. Cochran .....	Alley mine .....	San Bernardino	50 00
784	Mar. 29, 1880	J. M. Elliott .....	Los Angeles Cos mines .....	.....do .....	50 00
785	Mar. 29, 1880	R. G. Dunn .....	Chance quartz mine .....	Shasta .....	15 00
786	Mar. 29, 1880	F. Warner .....	French Hill gold mine .....	Del Norte .....	45 00
802	Mar. 31, 1880	J. M. Fulweiler .....	Gold Channel River placer .....	Placer .....	40 00
818	Apr. 1, 1880	J. H. Clute .....	Hope mines .....	Sierra .....	10 00
819	Apr. 2, 1880	A. Hayward .....	Indiana quartz mine .....	Amador .....	15 00
822	Apr. 9, 1880	F. Prudhomme .....	Cordova mine .....	Tuolumne .....	40 00
828	Apr. 12, 1880	E. B. Dennison .....	Florence quartz .....	Amador .....	40 00
829	Apr. 13, 1880	C. L. Street .....	Raw Hide mine .....	Tuolumne .....	40 00
830	Apr. 13, 1880	S. Marshall, jr .....	Vista mine .....	San Bernardino	45 00
831	Apr. 13, 1880	.....do .....	Plainsville mine .....	.....do .....	45 00
873	Apr. 17, 1880	R. S. Feigetals .....	Jupiter quartz mine .....	Amador .....	45 00
877	Apr. 19, 1880	W. S. Lowden .....	Hanson gold placer .....	Trinity .....	40 00
895	Apr. 20, 1880	W. S. Knapp .....	Phenix mine .....	Los Angeles ..	45 00
897	Apr. 20, 1880	L. F. Cooper .....	Big Flat Gravel Mining Company ..	Del Norte .....	180 00
914	Apr. 26, 1880	Wm. Sharwood .....	Eubank quartz .....	Mariposa .....	40 00
928	May 6, 1880	A. H. Denny .....	Last Chance placer-quartz mine ..	Siskiyou .....	45 00
929	May 6, 1880	William Stuart .....	Piute quartz .....	Mono .....	45 00
930	May 6, 1880	A. Hayward .....	Indiana quartz mine .....	Amador .....	25 00
957	May 10, 1880	G. W. Snell .....	Oaks quartz mine .....	.....do .....	10 00
981	May 11, 1880	C. H. Golding .....	Tioga Consolidated mines .....	Mono .....	100 00
977	May 11, 1880	S. P. Christy .....	San Francisco oil mine .....	Ventura .....	45 00
978	May 11, 1880	.....do .....	Roblaroito oil mine .....	.....do .....	45 00
979	May 11, 1880	.....do .....	Santa Clara oil mine .....	.....do .....	45 00
980	May 11, 1880	R. S. Baker .....	Pivo oil mine .....	.....do .....	45 00
984	May 12, 1880	W. S. Lowden .....	Barthoel Jacobs gold placer mine ..	Trinity .....	40 00
1003	May 15, 1880	George S. Hawley ..	Santa Nino No. 1 silver mine .....	Inyo .....	45 00
1004	May 17, 1880	E. W. Roberts .....	Washington quartz mine .....	Nevada .....	5 00
1021	May 19, 1880	C. W. Pierce .....	Deer Lodge quartz mine .....	Calaveras .....	40 00
1079	May 21, 1880	John Dixon .....	Ben Butler mine .....	Mono .....	45 00
1080	May 21, 1880	.....do .....	Silver Queen mine .....	.....do .....	45 00
1081	May 21, 1880	B. B. Redding .....	Denver No. 2 quicksilver mine .....	Sonoma .....	25 00



O 1.—Statement of special individual deposits, &c.—Continued.

Number.	Date of deposit.	Name of depositor.	Name of mine.	County.	Amount of deposit.
1170	June 1, 1880	W. S. Loudon .....	Oswald gold placer mine .....	Trinity .....	\$40 00
1183	June 2, 1880	J. T. Silvester .....	Silvester & Schleicher mine .....	El Dorado.....	10 00
1184	June 3, 1880	Niles Searls .....	Hazard gravel mine.....	Nevada .....	45 00
1185	June 3, 1880	O. H. La Grange .....	Harrington mine .....	Mono .....	40 00
1186	June 4, 1880	Daniel Coughlin .....	Coughlin quartz mine.....	Amador.....	45 00
1188	June 5, 1880	C. A. D. Gray .....	Grand Victory quartz mine.....	El Dorado.....	40 00
1189	June 5, 1880	W. D. Knights .....	Promised Land quartz mine .....	do .....	40 00
1200	June 11, 1880	Henry Lorenz .....	Hydraulic Hill gold placer mine ..	Trinity .....	40 00
1201	June 11, 1880	F. Von Buelow.....	Von Buelow Consolidated gold quartz.	Nevada .....	45 00
					75 00
1202	June 11, 1880	W. H. Lent .....	Bechtel Consolidated mine .....	Mono .....	
1203	June 12, 1880	J. H. Whittock .....	Prospect quartz mine .....	Plumas .....	40 00
1205	June 17, 1880	Charles Rice.....	West Sugar Loaf placer .....	Placer .....	45 00
1206	June 18, 1880	Niles Searls.....	Snow Point gravel mine .....	Nevada .....	45 00
1210	June 19, 1880	W. J. Robinson .....	Mammoth mine.....	Calaveras .....	45 00
1212	June 22, 1880	Ellis Edwards .....	Gipsey Queen mine.....	Mono .....	5 00
1213	June 22, 1880	E. A. Phelps .....	Banner quartz mine .....	Calaveras .....	45 00
1217	June 25, 1880	W. R. Knight .....	Gross quartz mine No. 2 .....	El Dorado .....	40 00
1218	June 25, 1880	J. P. Gross.....	Gross quartz mine No. 1 .....	do .....	40 00
1219	June 25, 1880	do .....	Van Hooper mine .....	do .....	40 00
1220	June 25, 1880	Dibble & Kitto ...	Mule Spring ranch placer mine...	Nevada .....	45 00
					7, 681 00

P.—Statement of account of special deposits for office work in the office of the United States surveyor general for California during the fiscal year 1879-'80.

Sept. 30, 1879	To disbursements for first quarter.	\$2, 775 40	June 30, 1880	By deposits as per Table O.	\$18, 838 92
Dec. 31, 1879	To disbursements for second quarter.	4, 599 28	do .....	By deposits as per Table O 1.	7, 681 00
Mar. 31, 1880	To disbursements for third quarter.	6, 519 19			
June 30, 1880	To disbursements for fourth quarter.	5, 806 37			
	Balance .....	6, 819 68			
					26, 519 92

Q.—Estimate for the surveying service in the District of California for the fiscal year ending June 30, 1882.

No.	Service.	Amount.
1	For extension of standard and exterior lines.....	\$60, 000 00
2	For survey of subdivision lines .....	50, 000 00
3	For survey of timber lands under act of June 3, 1879 .....	40, 000 00
4	For survey of private land claims and office expenses .....	10, 000 00
5	For examination of surveys in the field and for traveling expenses and stationery in making such examination, as provided by paragraph 5, section 2223 Revised Statutes.	50, 000 00
6	For compensation of clerks and draughtsmen.....	20, 000 00
7	For bringing up arrears of office work .....	20, 000 00
8	For pay of messenger, stationery, and incidental expenses (this estimate to be placed at \$4,000 in the event of disallowance of No. 7).	6, 000 00
9	For completing the reproduction and translation of the Spanish archives .....	9, 000 00
10	For furnishing iron posts as permanent means of reference to the corners of the public surveys.	3, 000 00
11	For salary of surveyor general. (Section 2210 Revised Statutes).....	3, 000 00
Total.....		226, 000 00



R.—Statement showing number of maps, law books, &c., in office of the United States surveyor general for California, June 30, 1880.

- 472 maps of township exteriors.
- 2,246 maps of township subdivisions, Mount Diablo meridian.
- 963 maps of township subdivisions, San Bernardino meridian.
- 121 maps of township subdivisions, Humboldt meridian.
- 97 maps of preliminary surveys of private land elaims.
- 659 original maps of private land elaims.
- 208 obsolete maps of private land claims.
- 1,663 maps of mining elaims.
- 163 maps of mining diagrams.
- 486 obsolete subdivision maps.
- 204 miseellaneous maps.
- 15 swamp-land maps, made by the State of California.
- 1 general map.
- 1 official map, city and county of San Franciseo.
- Synoptical index to the laws of the United States (1851).
- Wood's California Digest, first and seeond editions.
- Abbott's National Digest, vols. 5, 6.
- Cruise's Digest, vols. 1 to 6.
- Copp's U. S. Mining Deeisions.
- Skidmore's Mining Statutes.
- Land Office Reports, 1851, '61, '62, '65, '66, 70, '71, '72, '73, '74, '75 '76, '77, '78, '79.
- United States Court Reports, ninth circuit (4 Sawyer, 1876, 1877).
- Land Laws and Regulations, Lester, vols. 1, 2.
- Dallas's Reports, vols. 1 to 4.
- Craneh's Reports, vols. 1 to 9.
- Black's Reports, vols. 1, 2.
- Wheaton's Reports, vols. 1 to 12.
- Wallace's Reports, vols. 1, 2, 3, 4, 5, 6, 7, 8, 9, 11, 21.
- Peters's Reports, vols. 1 to 16.
- United States *vs.* Andres Castellero, vols 1 to 4, New Almaden mine.
- Howard's Reports, vols. 1 to 24.
- California Reports, vols. 9, 10, 11, 12, 13, 14, 15, 16, 33.
- United States Statutes at Large, vols. 1 to 20.
- Revised Statutes, first and second editions.
- Copp's Public Land Laws.
- Hoffman's Reports Land Cases (two copies).
- Revision of Indian Treaties.
- Revised Statutes relating to District Columbia and Post Roads and Public Treaties.
- United States Official Register, 1877.
- Webster's Unabridged Dictionary, edition of 1880.
- Papers on Survey of 1,616 Mining Claims.
- Papers on Survey of 647 Private Land Claims.
- 1,158 bound volumes of Field Notes of Township Surveys, containing an average of 220 pages each, or 253,760 pages.
- 5 steel tapes, United States standard.
- 2 steel chains, 33 feet, No. 12 wire, brazed.
- 1 solar transit.

*Jimeno's index of land claims acted upon by the government of California under Mexico.*

Name of claim.	Decision.	Name of claimant.	Page.
Las Virgenes .....	Granted .....	José Ma. Dominguez .....	1
Salinas .....	Rejected.....	Cornelio Bernal .....	2
San Pedro .....	do .....	Franco. Haro .....	3
Carpenteria .....	Granted .....	Joaquín Soto .....	4
Aguajito .....	do .....	Gregorio Tapia.....	5
Corte de Madera .....	do .....	Maximo Martinez and Domingo Peralto .....	6
Toro .....	do .....	José Ramon Estrada .....	7
Rancho Nacional .....	Rejected.....	Mariano Estrada.....	8
El Refugio .....	Granted .....	Antonia Ma. Ortega and Magdalena Cota .....	9
Laguna de la Merceed.....	do .....	Antonia Galindo .....	10
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(Signed) MANUEL JIMENO.

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	46		Thomas Jefferson Smith. (No papers. See case No. 5, in which the same is presented).	200 varas Mission Dolores	Domingo Feliz	
	47		Francisco Perez Pacheco	San Justo	José Castro	
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		3	Exhibit A. L. P. found in volume 2, Missions and Colonization, page 684. Instructions to M. G. Vallejo to colonize the northern portion of Central California.			
		5	Exhibit A. L. P. found in legislative records, 1845. Suspension of the sessions of D. assembly.			
		4	Conveyance No. 1 (C), Marcus Baca <i>et al.</i> to Champion I. Hutchinson .....			
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		2	Map			
		3	Power of attorney, from Romana Sanchez to José Anto. Galindo			
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26	105		Timoteo Murphy	100 by 30 varas, lot in San Rafael	F. Murphy	
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	106		Albert G. Toomes	Rio de los Molinos	A. G. Toomes	405
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	108		Jacob D. Hoppe	Ulistac	Marcelo <i>et al.</i> , Indians	450
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	109		Dionisie Z. Fernandez	On the banks of Feather River	D. and M. Z. Fernandez	
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		2	Possession			
		3	Delivery by R. Padre Real			
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		5	Power of attorney from J. B. Alvarado to W. R. Bosham			
		6	Conveyance (C) No. 1, from J. B. Alvarado to Beard <i>et al.</i>			
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119		2	Manuela C. de Jones	Ysla de Santa Rosa	José Antonio and C. Carrillo	313
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Number of land claim.			Presenting claimants.	Localities.	Original claimants.	Number of expediente.
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	141	.....	José Maria Alvisu .....	Milpitas .....	José Maria Alvisu .....	.....
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57	239	.....	Emanuel Pratt .....	Socayac .....	Juan Chamberlin .....	
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		7	Certified copy of conveyance (C) from C. Carilland to F. Sicard .....			
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	10	Certified copy of conveyance (G) from Cordua to C. Covillard.....			
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	3, 4	Approvals No. 1 and 2 (F) (R).....			
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	6	Order for the grant to issue (B). (Petaluma was granted June 21, 1834, to the extent of 5 leagues, and 5 leagues more were sold to M. G. Vallejo by the Gov. ....			
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253		J. J. Warner.....	Camajal El Palomar.....	Juan Warner.....	579
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254		J. J. Warner.....	Agua Caliente and Valle de San José. {	Jose Antonio Pico and J. J. War- ner. }	228 407
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259		William Reynolds and Daniel Frink. See case No. 270, land claim.....	Nicasia.....	P. de la Guerra and J. Cooper.....	420
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58	260	5	Certified copy of transfer (E).....	.....	.....	.....
		6	Conveyance No. 1 (E) from J. S. Majors to Isaac Graham <i>et al</i> .....	.....	.....	.....
	261		James M. Harbin <i>et al</i> .....	Rio de Jesus Maria.....	Thomas Hardy.....	311
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		2	Approval.....	.....	.....	.....
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		1	Grant No. 1.....	.....	.....	.....
		2	Grant No. 2.....	.....	.....	.....
		3	Juridical possession.....	.....	.....	.....
		4	Traced copy of record in book of titles.....	.....	.....	.....
	265		Maria Anta. de la Guerra y Lataillade.....	La Zaca.....	Antonio (Neophyte).....	.....
		1	Record of proceedings.....	.....	.....	.....
60		2	Conveyances No. 1 and 2 from V. Cordero and wife to Maria A. de la Guerra y Lataillade.....	.....	.....	.....
	266		Agustin Yansen.....	Lomas de la Purificacion.....	A. Yansen.....	409
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		2	Approval.....	.....	.....	.....
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	269		Encarnacion Mesa <i>et al</i> .....	San Antonio.....	Prado Mesa.....	136
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61	271	8	Conveyance (No. 1) from De la Guerra to Halleck.....			
		4	Conveyance (No. 2) from Cooper to O'Farrell.....			
		5	Conveyance (No. 3) from De la Guerra to O'Farrell and from O'Farrell to Black.....			
		6	Conveyance (No. 4) from O'Farrell to James Black.....			
		7	Conveyance (K) from J. B. R. Cooper to B. R. Buckelew.....			
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		273	Anto. Ma. Peralta. (The same original papers as in case No. 4, L. C.).....	San Antonio.....	Luis Peralta.....	186 345
		274	Ignacio Peralta. (The same original papers as in case No. 4, L. C.).....	San Antonio.....	Luis Peralta.....	186 345
		275	Josefa Morales.....	Santa Ana and San Anita.....	L. del Castillo negrete.....	127
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		278	Rafael Alvisu <i>et al.</i> (The same original papers as in case No. 277, L. C.).....	Part of Rincon de los Esteros.....	Ignacio Alvisu.....	114
		279	Juan Miguel Anzar.....	Vega del Rio del Pajaro.....	Antonio Ma. Castro.....	
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		4	Conveyance No. 1 from J. A. Castro to Juan M. Anzar.....			
		5	Conveyance No. 2 from Canuto Boronda and wife to Juan M. Anzar.....			
		6	Deed of confirmation from J. A. Castro <i>et al.</i> to heirs of J. M. Anzar.....			
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62	280		City of San Francisco.....	4 square leagues.....	Pueblo of San Francisco.....	
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			1. Letter from gov. to Miel. com.....			
			2. Minutes of ayuntamiento to hold election.....			
			3. Minutes of ayuntamiento to hold election.....			
			4. Copy of communication from gov.....			
			5. Letter from gov. to alcalde.....			
			6. Letter from gov. to alcalde.....			
			7. Letter from gov. to alcalde.....			
			8. Resolution by the ayuntamiento.....			
			9. Approval of foregoing.....			
			10. Edit.....			
			11. Edit.....			
			12. Letters from Guerero.....			
			13. Letters from Jimeno.....			
			14. Letters from governor.....			
			15. Letters from Gimeno.....			
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Number of land claim.			Presenting claimants.	Localities.	Original claimants.	Number of expediente.
62	280	17	Documents numbered from 1 to 19 { 17. Inventory of all records existing in the pueblo . . . . . 18. The same as No. 4. . . . . 19. Letter from governor . . . . .			
		18				
		19				
63	281		Heirs of Agustin Yturbide . . . . .	400 square leagues . . . . .	Agustin Yturbide . . . . .	
		1	Doc. H. H., No. 1. (Exhibit "A," Exhibit "E." No. 1. Order from the president. No. 2. Communication from the minister.) . . . . .			
		2	Doc. H. H., No. 2. (Exhibit "C," certified copies of order. No. 3. Ex. "A," certified copy of Yturbide's will. No. 4. "C," certified copy of expte. Ex. "E," several certified copies and original.) . . . . .			
	282		John Roland <i>et al.</i> . . . . .	Los Huecos . . . . .	Luis Arenas <i>et al.</i> . . . . .	551
		1	Grant . . . . .			
	283	2	Conveyance from Luis Arenas to James M. Jones . . . . .			
			Pedro Sausevain . . . . .	La Cañada del Rincon . . . . .	Pedro Sausevain . . . . .	508
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	284	2	Approval . . . . .			
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			Ma. Anto. Martinez <i>et al.</i> . . . . .	Rancho del Pinole . . . . .	Ignacio Martinez . . . . .	278
	285	1	Grant . . . . .			
		2	Grant . . . . .			
			Guillermo Castro . . . . .	San Lorenzo (part) and the whole . . . . .	G. Castro . . . . .	{ 223 309
	286		Common council of city of San José, certified copy marked (S), record of proceedings No. 339. . . . .	Pueblo lands . . . . .	Pueblo of San José . . . . .	339
		1	Certified copy Exhibit (A), communication from Bucardy and order from Galindo Navarro. . . . .			
		2	Certified copy Exhibit (C), communication from viceroy to the governor. . . . .			
		3	Certified copy Exhibit (D), communication from A. Bonilla to the governor of Chihuahua. . . . .			
		4	Certified copy Exhibit (F), copy of instructions for the establishment of a new pueblo. . . . .			
		5	Certified copy Exhibit (H), copy of instructions copied by A. Bonilla, report of viceroy. . . . .			
		6	Certified copy Exhibit (K), copy of order from viceroy to governor of California. . . . .			
		7	Certified copy Exhibit (O), copy of proceedings had relative to the boundaries. . . . .			
		8	Certified copy Exhibit (Q), copy of description of boundaries of the pueblo of San José. . . . .			



	9	Certified copy Exhibit (M), marking boundary between mission of La Clara and San José.			
287	-----	Charles White <i>et al.</i> (No original papers presented in this case)	Pueblo lands	City of San José	
288	-----	Joseph M. Miller	Llano de Santa Rosa	Joaquin Carrillo	
	1	Conveyance from J. Carrillo to J. M. Miller, or withdrawn			
289	-----	Charles J. Brenham <i>et al.</i>	Llano Seco	Sebastian Keyser	472
	1	Grant			
	2	Approval			
	3	Conveyance (1) from John F. Pope to Charles J. Brenham			
	4	Conveyance (2) from S. Kayser to E. A. Farwell and from E. A. Farwell to Chapman <i>et al.</i>			
	5	Conveyance (3) from O. Farnham to J. F. Pope			
	6	Conveyance (4) from John Bidwell to Chapman <i>et al.</i>			
	7	Conveyance (5) from Thomas A. Warbass to John Warbass			
	8	Conveyance (6) from John F. Pope to John Hoskin			
	9	Conveyance (7) from John F. Pope to G. G. Pope, trustee, &c.			
10	-----	Conveyance (8) from John F. Pope to George G. Pope			
11	-----	Conveyance (C) from Kayser to Farwell, certified copy			
12	-----	Conveyance (D) from Farwell to Bidwell, certified copy, and Bidwell to Chapman <i>et al.</i>			
	13	Conveyance (E) from J. Bidwell to Chapman <i>et al.</i>			
	14	Conveyance (F) from Farwell to Chapman <i>et al.</i>			
	15	Conveyance (G) from Chapman to Simmons, Hutchinson & Co.			
	16	Conveyance (H) from Simmons to Orvin Farnham			
	17	Conveyance (N) from Simmons <i>et al.</i> to Billings, Bolton & Halleck			
290	-----	Vicente Cantua	Rancho Nacional	Vicente Cantua	166
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291	-----	M. G. Vallejo	Suscol	M. G. Vallejo	306
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	3	Communication from government, together with other documents, in case No. 250.			
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293	-----	Hiram Grimes <i>et al.</i>	El Pescadero	Valen Higuera and Rafael Feliz	371
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	2	Conveyance from R. Feliz to F. Seseña and from him to E. C. Grimes			
66 294	-----	James Noe	Island of Sacramento	Roberto Elwell	
	1	Petition and grant			
67 295	-----	Edward A. Breed <i>et al.</i>	Mission of S. Rafael	Antonio Suñol and Anto. Ma. Pico	
	1	Inventory of administrator			
	2	Marked (B)			
	3	Or grant (A)			
296	-----	José de la Guerra y Noriega	Las Posas	José Carrillo	11
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	2	Map			
	3	Conveyance from José Carrillo to José de la Guerra Noviega			
68 297	-----	Manuel Larios	Land near S. J. Bautista	M. Larios	
	1	Permit from J. Castro			
298	-----	José Jesus Peña <i>et al.</i>	Tzabaco	José German Peña	312
	1	Copy of grant			



List of original documents in cases presented to the United States land commission, &c.—Continued.

Number of land claim.			Presenting claimants.	Localities.	Original claimants.	Number of expediente.
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	299	1	Nicolas A. Den <i>et al.</i>	San Mareos	N. A. Den and R. Den	
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		3	Juridical possession			
	300	1	Map	Sanel	F. Feliz	408
		1	Fernando Feliz			
	301	1	Grant	San Ramon (a) Las Juntas	Bartolo Pacheco and M. Castro	50
		1	Domingo Peralta			
	302	1	Certified copy of deed from M. Castro to Domingo Peralta	Piedra Blanca	J. de Jesus Pico	189
		2	José de Jesus Pico			
70		2	Grant			
		2	Juridical possession	Cazadores	Ernesto Rufus	
	303	1	James Murphy			
		2	Grant			
		2	Map	San Juan Capietrano del Camote	T. Herrera and G. Quintana	577
	304	1	Tomas Herrera and Geronimo Quintana			
71		1	Grant	Las Milpitas	Ygnacio Pastor	
	305	1	Ygnacio Pastor			
		2	Petition and report			
		2	Decree of concession			
	306		Ciprino Thuru and H. W. Carpentier. (The same originals as in case No. 36 L. C.)	Corte de Madera	D. Peralta and M. Martinez	366
72			G. W. Bissel <i>et al.</i>	Yela de las Yeguas	Victor Castro	
	307	1, 2	Grant, petition, and report			
			1. From V. Castro to G. W. P. Bissell			
			2. From W. Castro to G. B. Frisbie <i>et al.</i>			
			3. From J. B. Frisbie <i>et al.</i> to Victor Castro			
			4. From J. B. Frisbie to W. Aspinwall			
			5. From B. Simmons <i>et al.</i> to Fred. Billings <i>et al.</i>			
			6. From Victor Castro to G. W. P. Bissell			
			7. From Frederie Billings <i>et al.</i> to G. W. P. Bissell			
			8. From J. B. Frisbie to Aspinwall			
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	308		Antonio Ma. Luga	San Antonio	A. M. Lugo	
		1	Grant			
		2	Record of proceedings			
		3	Juridical possession			
74			Maria A. de la Guerra y Lataillade	El Alamo Pintado	Marcelino (neophyte)	
	309	1	Record of proceedings			
75			Juana Priones	Ojo de Agua de Fegueroa, 100 vs. square in city of San Francisco.	Apolinario Miranda	
	310					
		1	Copy of petition and			
		2	Grant			



77	311	Manuel Diaz	Sacramento	Manuel Diaz	
	1	Grant			
	2	Map			
	312	Lewis T. Burton	Balsa del Chamisal	Francisco Quijada	513
	1	Grant			
	2	Conveyance from F. Guijada to Luis Burton			
	3	Conveyance from P. Cordero and wife to Luis Burton			
	313	Juan C. Galindo	Mission of Santa Clara	J. C. Galindo	
	1	Order			
	2	Petition			
	3	Grant			
	314	Miguel Avila	San Meguelito	M. Abila	130
	1	Grant (copy)			
	2	Communication from Rio Pico to J. Avila			
	315	Maria Anta. Pico	Punta del Año Nuevo	Simeon Castro	298
	1	Grant			
	2	Traced copy of record proceedings			
	316	José del Carmen Lugo	San Bernardino	J. del C. Lugo <i>et al</i>	283
	1	Grant			
	2	Map			
	3	Juridical possession			
	317	Jonathan R. Scott and Benjamin Hays	La Cañada	Ygnacio Coronel	528
	1	Grant			
	2	Approval			
	3	Juridical possession			
	4	Doc. marked H H, No. 3. (Communication from Jimeno Coronel <i>et al.</i> to J. R. Scott <i>et al.</i> )			
	5	Agreement			
	318	Jacoba Feliz	San Francisco	Antonio del Valle	71
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78	319	John Bidwell	Los Ulpines	J. Bidwell	387
	1	Grant			
	320	Robert B. Neliegh	River San Joaquin	José Castro	
	1	Certified copy of grant			
	2	Certified traced copy of grant			
	3	Deed to R. B. Neliegh from J. Castro and wife to McKenzie and R. B. Neliegh			
	4	Will and conveyance from James McKenzie to R. B. Neliegh and will of Bernard McKenzie			
	321	Joseph L. Folsom and Anna Ma. Sparks	Rio de los Americanos	Guillo. A. Leidersdorf	389
	1	Grant			
	2	Naturalization papers			
79	3	Certified copy of record of proceeding			
	4	United States circuit court			
	5	Certified copy of record of proceedings in probate court			
	6	Power of attorney. Una Maria Sparks to J. L. Folsom			
	7	Certified copy of conveyance from Ana Maria Sparks to J. L. Folsom			
	8	Conveyance from Butler King to M. H. McAllister <i>et al</i>			
	9	Certified copy of conveyance from M. H. McAllister to Folsom			
	10	Certified copy of conveyance			
	322	Maria Anta. de la Guerra and Lataillade	Las Huertas 1,300 varas square	Francisco, Luis, Raymundo (neophytes).	
	1	Grant (copy)			



Number of land claim.			Presenting claimants.	Localities.	Original claimants.	Number of expediente.
79	322	2	Grant.....			
		3	Certificate of Mis. Priest.....			
		4	Conveyance from Francisco <i>et al.</i> by attorney in fact to M. A. de la Guerra y Letailla de.....			
	323	.....	Julius Martin.....	Entre Napa (part).....	Nicolas Higuera.....	153
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	324	2	Juridical possession.....			
		.....	José Anto. de la Guerra y Carrillo.....	Los Alamos.....	J. A. de la Guerra y C.....	132
	325	1	Grant.....			
		2	Approval.....			
	326	.....	George W. Hamley.....	Guejito and Cañada de Palomia.....	José Maria Orosco.....	468
		1	Grant.....			
	327	2	Conveyance from José Maria Orosco to George W. Hamley.....			
		.....	William Forbes.....	Caslamayomi.....	E. Montenegro.....	363
	328	1	Grant.....			
		2	Record of proceedings from E. Montenegro to William Forbes.....			
	329	3	Conveyance.....			
		.....	Anastacio Carrillo.....	Punta de la Concepcion.....	A. Carrillo.....	58
	330	1	Grant.....			
		2	Map.....			
	331	3	Juridical possession.....			
		.....	Anastacio Carrillo.....	Cieneguita, 400 varas square.....	A. Carrillo.....	475
80	332	1	Judicial possession.....			
		2	Grant.....			
	333	3	Diagram.....			
		.....	Gil Ybarra.....	Rincon de la Brea.....	G. Ybarra.....	222
	334	1	Juridical possession.....			
		2	Grant.....			
	335	.....	Victoria Dominguez.....	Otay No. 2 or Jamul.....	José A. Estudillo.....	
		1	Grant.....			
	336	.....	Henry Dalton.....	San Francisquito (a Azusa).....	H. Dalton.....	453
		1	Grant.....			
	337	2	Juridical possession.....			
		3	Map.....			
	338	.....	José Joaquin Ortega <i>et al.</i> .....	Valle de Pamo.....	J. J. Ortega and E. Stokes.....	325
		1	Grant.....			
	339	2	Transfer from Vicente Pascual Oliva to J. J. Ortega.....			
		.....	Charles M. Weber.....	San Felipe y Las Animas.....	Tomas Boun.....	168
	340	1	Grant.....			
		2	Conveyance from Tomas Bona to Charles M. Weber.....			
	341	.....	Joseph P. Thompson.....	Entre Napa (part).....	Nicolas Higuera.....	153
		.....				



	1	Conveyance from N. Higuera to Joseph P. Thompson.. (The same original papers as in case No. 323, land claim.)			
335	1	E. Knight	Yokaya	Cayetano Juarez	452
336	1	Grant			
	1	Juan José Gonzalez	S. Antonio or El Pescadero	J. J. Gonzalez	23
337	1	Grant			
	1	M. G. Vallejo	Entre Napa, 200 varas square	Nicolas Higuera	153
338	1	Conveyance from N. Higuera to M. G. Vallejo. (The same original papers as in case No. 323, land claim.)			
	1	David W. Alexander and Francis Mellus	La Providencia	Vicente de la Osa	426
	2	Grant from Vicente de la Osa to Mellus <i>et al.</i>			
339		Conveyance 1 and 2			
		Samuel Carpenter	Santa Gertrudis (part)	Josefa Cota de Nieto	{ 103 335
340	1	Grant 28, book of registry of titles			
	1	Charles Fossat	Los Capitancillos	Justo Larios	294
	2	Grant			
	2	Conveyance from Justo Larios to G. C. Cook			
341		Luis Vignes	Pauba	Vicente Moraga	{ 390 545
	1	Grant (A)			
	2	Approval (B)			
	3	Conveyance (C) from J. Bautista Bout and Agustin Martin to Juan Manso			
	4	Conveyance (D)			
	5	Conveyance (E) from Vicente Moraga and Luis Arenas to J. B. Bout and Agustin B. Martin.			
342		Luis Vignes	Temecula	Feliz Valdez	398
	1	Grant			
	2	Conveyance. J. Manso to L. Vignes			
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343		Henry Dalton	Santa Anita	Prefecto Hugo Reid	{ 240 436
	1	Grant			
	2	Certified copy of approval			
	3	Juridical possession			
	4	Sale. Prefecto Hugo Reid to Henry Dalton			
344		Maria Anta. Machado	Las Virgenes	José Ma. Dominguez	
	1	Grant and transfer			
	2	Juridical possession and map			
345		Manuel Garfias	San Pascual	Manuel Garfias	157
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	2	Approval			
	3	Conveyance, from Ignacio Coronel to M. Garfias			
346		Abel Stearns	La Laguna de Temecula	Julian Manriquez	425
	1	Grant			
	2	Record of proceedings			
	3	Juridical possession			
	4	Conveyance, from M. Manriquez <i>et al.</i> to Abel Stearns			
347		F. P. F. Temple and Juan Martias S.	La Merced	Casilda Soto	386
	1	Grant			
	2	Juridical possession			
	3	Receipt from M. Priest			



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		5	Conveyance No. 2, from C. Soto to William Workman.....	.....	.....	.....
82	348	.....	William Carey Jones.....	San Luis Rey and Pala.....	Antonio José Scott and José Antonio Pico.....	.....
		1	Grant.....	.....	.....	.....
		2	Inventory.....	.....	.....	.....
		3	Receipt.....	.....	.....	.....
		4	Power of attorney, from J. A. Pico to A. J. Scott.....	.....	.....	.....
	349	.....	Leo Norris.....	San Ramon.....	José Maria Amador.....	80
		1	Conveyance, from Amador to Norris. (Original papers the same as those presented in case No. 128.).....	.....	.....	.....
	350	.....	Thomas S. Page.....	Cotate.....	Juan Castañeda.....	432
		1	Certificate (E) of Jacob P. Leese.....	.....	.....	.....
		2	Approval (D).....	.....	.....	.....
		3	Conveyance (G), from Thomas O. Larkin to J. S. Ruckel.....	.....	.....	.....
		4	Conveyance (H), from J. S. Ruckel to Thomas S. Page.....	.....	.....	.....
		5	Conveyance (F), from Juan Castañeda <i>et al.</i> to Thomas O. Larkin.....	.....	.....	.....
	351	.....	Juan Temple.....	Los Cerritos.....	Manuela Nieto.....	103
		1	Grant.....	.....	.....	.....
		2	Possession.....	.....	.....	.....
		3	Record of proceedings.....	.....	.....	.....
		4	Conveyance, Guillermo Cota <i>et al.</i> to Juan Temple.....	.....	.....	.....
83	352	.....	Francisco Sanchez.....	San Pedro.....	F. Sanchez.....	.....
		1	Grant.....	.....	.....	.....
	353	.....	Jacob P. Leese.....	Punta de Pinos.....	José Maria Armienta and José Abrigo.....	37
		1	Grant.....	.....	.....	402
		2	Conveyance, from Brigida Alvires and Cristobal Armentia to José Abrego.....	.....	.....	.....
		3	Traced copy of conveyance, from José Abrego and wife to Jacob P. Leese and Milton Little.....	.....	.....	.....
		4	Map.....	.....	.....	.....
	354	.....	Candelario Miramontes.....	Arroyo de los Pilarcitos.....	C. Miramontes.....	217
		1	Grant.....	.....	.....	.....
		2	Petition (1).....	.....	.....	.....
		3	Petition (2).....	.....	.....	.....
		4	Petition (3).....	.....	.....	.....
84	355	.....	Salvador Espinosa.....	Bolsa de los Escorpionis.....	S. Espinosa.....	.....
		1	Juridical possession.....	.....	.....	.....
		2	Map.....	.....	.....	.....
	356	.....	Francisco Arce.....	Santa Ysabel.....	A. Arce.....	876
		1	Grant.....	.....	.....	.....
85	857	.....	Andres Pico.....	Moquelamo.....	A. Pico.....	.....



86	358	1	Grant.....			
		2	Approval.....			
			Salvador Castro.....	San Gregorio (part).....	Antonino Buelna.....	197
	359	1	Traced copy of expediente 197.....			
		2	Conveyance No. 1, from Francisco Rodrigues and wife to Salvador Castro.....			
		3	Conveyance No. 2, from Francisco Rodrigues and wife to Salvador Castro.....			
			José Antonio Alvisu.....	Cañada Verde.....		
		1	Exhibit No. 1, record of process.....	Arroyo de la Purísima.....	José Maria Alvisu.....	
	360	2	Exhibit No. 2, agreement between F. Pacheco and Pedro Charya.....			
		3	Exhibit No. 3, decree of concession.....			
4		Exhibit No. 4, certificate of J. Castro.....				
5		Map.....				
		José Maria Aquila.....	Cañada de los Nogales.....	J. M. Aguila.....	380	
87	361	1	Grant.....			
		2	Possession.....			
		Juan Bandini.....	Jurupa.....	Juan Bandini.....	{ 196 203	
	362	1	Grant.....			
		2	Cert. of approval.....			
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		4	Juridical possession.....			
			Isaac J. Sparks.....	Pismo.....	I. J. Sparks and José Ortega.....	214
	363	1	Grant to Ortega.....			
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3		Juridical possession.....				
88 89	364		Isaac J. Sparks.....	Huasna.....	I. J. Sparks.....	321
		1	Grants.....			
	2	Map.....				
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		Henry Dalton.....	Azuza.....	Y. Palomares and R. Vejao.....	{ 453 141	
	365	1	Grant.....			
		2	Exhibit T, petition of Y. P. R. V. & H. Dalton.....			
		3	Conveyance R, from L. Arenas to Henry Dalton.....			
		4	Exhibit N, act of juridical possession.....			
		5	Exhibit M, or grant to R. V. & Y. Palomares.....			
6		Exhibit O, or grant to Y. Palomares <i>et al</i> .....				
7		Exhibit P, or grant to L. Arenas and juridical possession.....				
90	366		Ygnacio Palomares. (The same papers and exhibits as above in 364).....	San José (part).....	Y. Palomares.....	
			Andres Castellero.....	New Almaden mine.....	By President of Mexico to R. Castellero <i>et al</i> .....	
	367	1	Expediente of approval of mining possession.....			
		3	Grant.....			
		4	Exhibit B P L. Copy of decree to Castellero ó Petition.....			
		5	Exhibit D P L. Extract from "Memorias" de la Junta de Minerio.....			
			Gervasio Arguello. (Original papers presented the same as in case No. 2, L. C.).....	Las Pulgas.....	José Dario Arguello.....	
	368		Benj. D. Wilson <i>et al</i> .....	San José de Buenos Ayres.....	Maximo Alanis.....	519
	369	1	Grant.....			
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		2	Juridical possession .....			
		3	Record of proceedings .....			
91	370		Leon Victor Prudon .....	Cucamonga .....	Tiburcio Tapia .....	
		1	Grant.....			
		2	Juridical possession. No. 52 incomplete.....			
		3	Record of proceedings .....			
	371		Anacleto Lestrade .....	Rosa de Castilla .....	Juan Ballestero .....	
		1, 2	Petition and Grant .....			
		3	Conveyance from Ballestero to A. Lestrade.....			
92	372		Januario Abila .....	Cienegas.....	Francisco Abila .....	
		1	Traced copy of record .....			
93	373		Pio Pico and J. Perez.....	Paso de Bartolo.....	Juan Crispin Perez .....	61
		1	Grant.....			
		2	Juridical possession .....			
		3	Conveyance from Pedro Romero and Ma. A. Perez to Pio Pico from Mariano Silvas to Pio Pico.....			
		4	Conveyance from Tomas Ontiveras to Bernardo Lopez.....			
		5	Conveyance from Bernardo Lopez to Pio Pico.....			
		6	Conveyance from J. Crispin Perez to Bernardino Guirado <i>et al.</i> .....			
	374		Andres Duarte .....	Azusa .....	A. Duarte .....	236
		1	Grant.....			
		2	Juridical possession .....			
	375		Agustin Olvera .....	Cuyamaca .....	A. Olvera.....	464
		1	Certificate of Estudillo .....			
		2	Grant.....			
		3	Approval.....			
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	376		Daniel Sexton .....	1,000 vs. S. Gabriel .....	Vicente de la Osa .....	257
		1	Grant.....			
		2	Approval.....			
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94	377		Daniel Sexton .....	Mission of San Gabriel.....	José Maria Ramirez .....	
		1	Conveyance from V. de la Osa to Agustin Olvera, and from A. Olvera to C. Sexton.....			
		2	Juridical possession .....			
95	378		Eulogio de Celis .....	Mission of S. Fernando.....	Pico Pico and E. de Celis .....	
		1	Grant .....			
		2	Record traced copy .....			
	379		Vicente de la Osa .....	Encino.....	R. and Franco. Roque .....	458
		1	Grant .....			
		2	Juridical possession .....			



96	380	3	Conveyance from Roman <i>et al.</i> to Vicente de la Osa	Cajou de Muscupiabe	J. Baudini	
		1	Record of proceedings			
	381		Bruno Ovila	Aguage del Centinela	Ygnacio Machado	{ 382 394
		1	Grant			
		2	Juridical possession			
		3	Copy of record of proceedings			
		4	Conveyance from I. Machado <i>et al.</i> to Bruno Avila			
97	382	5	Conveyance from F. Lepagi <i>et al.</i> to Bruno Avila			
			Bernardo Yorba	La Sierra	B. Yorba	
		1	Grant			
		2	Juridical possession			
	383		Maria de Jesus Garcia	Los Nogales	José de la Cruz Linares	195
98	384	1	Grant	El Rincon	Juan Baudini	
			Bernardo Yorba			
		1	Petition			
		2	Approval			
		3	Juridical possession			
		4	Conveyance from J. Bandini to D. Alexander			
		5	Conveyance from D. Alexander to W. Williams			
	385		John Roland and Julian Workman	La Puente	Roland and Workman	{ 270 544
		1	Grant			
		2	Approval			
		3	Juridical possession			
	386		Sebastian Peralta and Jose Hernandez	Riconada de los Gatos	S. Peralta and J. Hernandez	208
		1	Grant			
	387		Bernardo Yorba	Santa Ana (cañada)	B. Yorba	24
		1	Grant			
		2	Map			
		3	Juridical possession			
	388		Ricardo Vejar	San José	R. Vejar <i>et al.</i>	141
		1	Judicial possession and map record of partition			
	389		Juan Sanchez	Santa Clara or El Norte	J. Sanchez	140
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		2	Approval			
		3	Map			
	390		Joaquim Ysidro Castro, administrator	San Pablo	Francisco Castro	18
		1	Grant (A)			
		2	Grant (B)			
		3	Grant (C)			
		4	Traced copy of X 278			
		5	Traced copy of Exhibit 345			
		6	Traced copy of Exhibit 186			
		7	Traced copy of juridical possession			
		8	Traced copy of registry brand			
		9	Traced copy of decree and map			
391			Enrique Abila	Tajanta	Anastacio Avila	
		1, 2	Grant and petition			
		3	Map			
		4	Will of Anastacio Airla			



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		3	Grant.....	.....	.....	.....
		4	Juridical possession .....	.....	.....	.....
		5	Conveyance from Urbano <i>et al.</i> to Joaquin Romero one-third interest .....	.....	.....	.....
	393	.....	Angel and Ma. Chabolla. (No original papers presented) .....	Sanjon de los Moquelumes .....	.....	329
	394	.....	Juan Foster .....	Potreros de San Juan Capistrane .....	J. Foster.....	438
		1	Grant.....	.....	.....	.....
		2	Certificate of juridical possession .....	.....	.....	.....
	395	.....	Andres Ybarra .....	Los Encinos or Encinitos .....	Ybarra Andres .....	{ 288
		.....	.....	.....	.....	{ 541
	396	1	Grant.....	.....	.....	.....
		2	Part of juridical possession .....	.....	.....	.....
		.....	Juan Foster .....	Mission Vieja or La Paz .....	.....	437
	397	1	Grant.....	.....	.....	.....
		2	Approval .....	.....	.....	.....
		3	Copy of juridical possession .....	.....	.....	.....
100	398	.....	Juan Matias Sanchez .....	Potrero Grande.....	Manuel Antonio .....	439
		1	Record of proceedings .....	.....	.....	.....
		2	Conveyance from Antonio Perez to J. Matias Sanchez .....	.....	.....	.....
	399	.....	Manuel Dominguez <i>et al</i> .....	San Pedro .....	J. José Dominguez .....	.....
		1	Record of proceedings .....	.....	.....	.....
		2	Claim of grant.....	.....	.....	.....
	400	3	Conveyance from V. Dominguez and J. A. Estudillo to M. Dominguez .....	.....	.....	.....
		.....	Juan Abila <i>et al</i> .....	El Niguil .....	J. Abila <i>et al</i> .....	285
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	401	2	Approval .....	.....	.....	.....
		3	Juridical possession .....	.....	.....	.....
		.....	Andres Pico <i>et al</i> .....	Los Coyotes .....	Manuel Nieto.....	103
	402	1	Grant.....	.....	.....	.....
		2	Juridical possession .....	.....	.....	.....
		3	Conveyance, from Ant. Cot to Andres Pico .....	.....	.....	.....
101	403	.....	Andres Pico and Francisco Ocampo .....	La Habra.....	Mariano R. Roldan.....	181
		1	Grant.....	.....	.....	.....
		2	Approval .....	.....	.....	.....
	404	3	Juridical possession .....	.....	.....	.....
		.....	Ramon Yorba <i>et al</i> .....	Las Boleas (part) .....	Manuel Nieto.....	103
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	405	2	Juridical possession .....	.....	.....	.....
		3	Conveyance, from Catarina Ruiz to Ramon Yorba <i>et al</i> .....	.....	.....	.....
		.....	Julio Verdugo .....	San Rafael.....	José Maria Verdugo .....	.....
	406	1	Record of proceedings .....	.....	.....	.....



	2	Letter No. 1, from J. M. Rodriguez to J. M. Verdugo			
	3	Letter No. 2, from J. M. Rodriguez to J. M. Verdugo			
	4	Will of J. M. Verdugo			
404		Abel Stearns	Alamitos	Manuel Nieto	103
	1, 2	Conveyance and record of proceedings, from Francisco Figueroa to Abel Stearns.			
	3, 4	Judicial delivery of the rancho to A. Stearns.			
405		Joaquin Ruiz	La Bolsa Chica	J. Ruiz	244
	1	Grant			
	2	Certificate of possession			
	3	Map			
406		José Sepulveda	San Joaquin		
	1	Grant No. 1	La Cienga de las Ranas	J. Sepulveda	279
	2	Grant No. 2			
	3	Juridical possession			
	4	Map			
407		Pio Pico	Janual	Pio Pico	493
	1	Grant			
408		Antonio Valenzuela and Juan Alvitre	Potrero de la Mission Vieja de San Gabriel.	J. Alvitre and A. Valenzuela	388
	1	Grant			
	2	Juridical possession			
102 409		Francisco Higuera <i>et al</i>	Rincon de los Bueyes	Bernardo Higuera	
	1	Record of proceedings			
	2	Map			
103 410		Juan Foster	Mission of San Juan Capistrane	J. Foster and McKimley	
	1	Grant			
411		Juan Maria Marron	Agua Hedionda	J. M. Marron	295
	1	Certified copy of grant			
	2	Certificate of judicial possession			
412		Juan Foster	Trabuco	Santiago Arguello	247
	1	Provisional grant			
	2	Grant			
	3	Approval			
	4	Grant to Foster			
	5	Possession			
	6	Map			
	7	Conveyance from S. Arguello to Juan Foster			
413		William Workman	Cajon de los Negros	Ygacio Coronel	573
	1	Grant			
104 414		Josefa Montalva <i>et al.</i> (No original papers presented in this case)	Temascal	Leandro Serrano	
105 415		Michael White	San Gabriel, 500 varas	M. White	
	1	Grant			
	2	Juridical possession			
416		Ma. Yga. Berdugo	De los Feliz	M. Y. Berdugo	350
	1	Grant			
	2	Juridical possession			
417		Sugardo Aguilar and Pascuala Garcia	500 varas x 250 varas, San Gabriel.	Manuel Dolivera	476
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	2	Conveyance from M. Doliveira to Pascual Garcia			
106 418		Rafael Valenzuela <i>et al</i>	466 x 264 varas	Prospero Valenzuela	
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107	420	.....	Santiago Rios.....	300 varas square, S. J. Capistrano.....	S. Rios.....	
	1	.....	Reeord of proceedings.....			
	421	.....	Teodocio Yorba.....	Lomas de Santiago.....	Teodocio Yorba.....	559
	1	.....	Grant.....			
108	422	.....	Juridical possession.....			
	2	.....	City of Los Angeles.....	16 square leagues.....	P. of Los Angeles.....	
	1	.....	Judicial possession.....			
	2	.....	Exhibit marked (E). Order for measurement of lands.....			
	3	.....	Exhibit marked (A). Instructions for founding the Pueblo of S. Angeles.....			
	4	.....	Exhibit marked (C). Ordinance relative to the foundation of Pitro.....			
	5	.....	Exhibit marked (D). Census of Pueblo of Los Angeles.....			
	6	.....	Exhibit marked (F). Number of inhabitants, cattle, &c.....			
	7	.....	Exhibit marked (G). La Brea grant in case No. 487.....			
	8	.....	Exhibit marked (J). Report of Abilas claim.....			
	9	.....	Exhibit marked (L). Governor's order to prefect, &c., report on city lands.....			
	10	.....	Exhibit marked (M). Expediente of José Ma. Aguilar.....			
	11	.....	Exhibit marked (N). Possession to settlers.....			
	12	.....	Exhibit marked (O). Opinion of Counsellor Galindo Navarro on distribu- tion of lands in California.....			
	13	.....	Exhibit marked (R). Order of De Nava to captains of presidios, 1791.....			
	14	.....	Exhibit marked (S). De Navis order of 1793 asking for information.....			
109	423	.....	Concepcion Nieto. Papers in cases No. 339 and 404 presented in this case.....	Santa Gertrudis.....	Manuel Nieto.....	103
	424	.....	Michael White.....	200 varas near S. Gabriel.....	Emilio Joaquin.....	
	1	.....	Grant (neophyte).....			
	425	.....	Andrew J. Courtney.....	700 x 400 varas near S. Gabriel.....	Ramon Valencia.....	434
	1	.....	Grant.....			
	426	.....	Domingo Yorba.....	Cañada de San Vicente.....	Juan Lopez.....	496
	1	.....	Grant.....			
	427	.....	Thomas Sanchez <i>et al</i> .....	La cienega o Paso de la Tijera.....	Vicente Sanchez.....	532
	1	.....	Grant and map.....			
	2	.....	Juridical possession.....			
	428	.....	Agustin Olvera <i>et al</i> .....	Los Alamos and Agua Caliente.....	Franco. Lopez.....	560
	1	.....	Grant.....			
	2	.....	Approval.....			
	3	.....	Map.....			
	429	.....	José Maria Flores.....	La Liebre.....	J. M. Flores.....	547
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	2	.....	Approval.....			
	430	.....	Gabriel Rius <i>et al</i> .....	Callegnis.....	José Pedro Ruiz.....	148
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	2	Map .....				
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431		José Serrano .....	Cañada de los Alisos .....	J. Surrano .....	{	274
	1	Grant (A) .....				558
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432		George Morillo <i>et al</i> .....	Potrero de Felipe Lugo .....	Teodoro Romero <i>et al</i> .....		444
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	2	Juridical possession .....				
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433		Isaac Williams .....	Santa Ana del Chino .....	J. Williams, Antonio Ma. Lugo .....		231
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	2	Grant copy .....				
	3	Naturalization papers .....				
	4	Juridical possession .....				
	5	Conveyance. Anto. Ma. Lugo to J. Williams .....				
434		Isaac Williams (Julian) .....	Addition to Sta. Ana del Chino .....	Julian Williams .....		522
	1	Grant .....				
435		Pablo Apis (neophyte) .....	Temecula .....	P. Apis .....		448
	1	Grant .....				
436		Santiago E. Arguello .....	Melijó .....	S. E. Arguello .....		60
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	2	Cert. copy of approval .....				
437		Magdalena Estudillo .....	Otay .....	M. Estudillo .....		
	1	Grant .....				
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438		Antonio Coronel .....	Sierra de los Verdugos .....	A. Coronel .....		572
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439		José A. Serrano .....	Panma .....	J. A. Serrano <i>et al</i> .....		393
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440		Juan P. Ontiveros .....	San Juan Cojon de Santa Ana .....	J. P. Ontiveros .....		57
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441		Julian Lopez Osuna .....	San Dieguito .....	Juan Maria Osuna .....	{	72
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	2	Approval .....				529
	3	Certificate of prefect .....				
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442		Apolinaria Lorenzana .....	Jamacha .....	A. Lorenzana .....		17
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	3	Certificate .....				
	4	Settlement. (Between J. Foster and Apolinaria Lorenzana.) .....				
443		Luis Roubideau .....	San Jacinto and S. Gregorio .....	Santiago Johnson .....		521



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		2	Juridical possession .....	.....	.....	.....
111	444	.....	Andres Pico .....	Arroyo Seco .....	Teodocio Yorba .....	.....
		1	Grant .....	.....	.....	.....
		2	Record of proceedings .....	.....	.....	.....
	445	3	No. 108, unfinished expediente .....	Boca de Santa Monica .....	Francisco Marquez .....	330
		.....	Ysidor Reyes <i>et al.</i> .....	.....	.....	.....
		1	Grant .....	.....	.....	.....
	446	2	Possession .....	.....	.....	.....
		3	Map .....	Los Palos Verdes .....	J. L. Sepulveda <i>et al.</i> .....	565
		.....	José L. Sepulveda <i>et al.</i> .....	.....	.....	.....
	447	1	Grant .....	.....	.....	.....
		2	Possession. (See incomplete expediente, No. 154) .....	400 by 300 varas S. Gabriel .....	Jose Ledesma .....	443
112	448	.....	José Ledesma .....	500 by 250 varas S. Gabriel .....	F. Sales (neophyte) .....	.....
		1	Grant .....	.....	.....	.....
113	449	.....	Francisco Sales .....	500 by 200 varas S. Gabriel .....	Simeon (neophyte) .....	.....
		1	Simeon .....	.....	.....	.....
114	450	.....	Grant .....	Lot near S. Gabriel .....	A. Duarte <i>et al.</i> .....	.....
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		1	Grant .....	Los Vallecitos de S. Marcos .....	J. Maria Alvarado .....	205
	451	.....	Lorenzo Soto .....	.....	.....	.....
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	452	3	Judicial possession (D) .....	Los Peñasquitos .....	Franco. Ma. Ruiz .....	98
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	453	2	Approval (D) .....	.....	.....	.....
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		.....	Vicente Sepulveda .....	.....	.....	.....
	454	1	Grant .....	.....	.....	.....
		2	Juridical possession .....	San Bernardo .....	José Franco. Cook .....	267
		.....	Ma. Anto. Snook .....	.....	.....	.....
115	455	1	Grant .....	.....	.....	.....
		2	Additional grant .....	.....	.....	.....
		0	Approval .....	.....	.....	.....
		3	Approval (D) .....	.....	.....	.....
		4	Certificate of possession (E) .....	.....	.....	.....
		5	Certificate of possession (F) .....	.....	.....	.....
	455	6	Map (G) .....	Huerta de Guatí .....	V. Reed and Bartolome Rei, (neophytes.) .....	.....
		.....	Victoria Reid .....	.....	.....	.....



456	1	Grant	Sausal Redondo	A. Y. Abila	87, 337
	1	Anto. Ygo. Abila			
	2	Traced copy of permit			
	3	Traced copy of map			
457	4	Traced copy of grant and map of La Ballona			
		Franco. Sepulveda	San Vicente and Santa Monica	F. Sepulveda	568
	1	Grant			
	2	Juridical possession			
	3	Map			
	4	Traced copy of expediente 330			
	5	Traced copy of writ of restitution			
	6, 7	Traced copy of extract from register of titles			
	8	Traced copy of governor order			
458		Casildo Aguilar <i>et al</i>	La Cienega6 Paso de la Tijera	Vicente Sanchez	532
	1	Agreement between C. Aguilar <i>et al.</i> and Thomas Sanchez			
459	2	Certified copy of will of V. S. Originals in case No. 427 admitted in this case	La Bolsas	Manuel Nieto, Catarina Ruiz	103
		José Justo Morillo <i>et al</i>			
	1	Petition and decree			
	2	Certified copy of grant			
	3	Conveyance from C. Ruiz to M. Cleofas Murillo			
460	4	Certified copy of grant	Rancho de la Nacion	Juan Foster	491
		Juan Foster			
	1	Grant			
	2	Approval			
461	3	Certificate of possession	Valle de San Felipe	Felipe Castillo	562
		Juan Foster			
	1	Grant			
	2	Conveyance from Loreto Castillo to Juan Foster			
462		Heirs of J. Bta. Alvarado	Rincon del Diablo	J. Bta. Alvarado	536
	1	Grant			
	2	Juridical possession			
463		Luis Roubideau	Jurupa	Juan Bandini	196 203
	1	Conveyance No. 1, from J. Bandini to B. D. Wilson			
	2	Conveyance No. 2, from B. D. Wilson to Roubideau			
	3	Conveyance No. 3, from Santiago Johnson to S. Rubidu			
	4	Conveyance No. 4, from B. D. Wilson to J. Williams			
	5	Conveyance No. 5, from I. Williams to L. Roubideau. (Stipulation made to read papers in case No. 361.)			
464		David W. Alexander <i>et al</i>	Tupenga	Pedro Lopez	215
	1, 2	Certified copy of grant and juridical possession			
465		David W. Alexander	Cahuenga	José Miguel Triumfo (neophyte)	
	1	Grant No. 1			
	2	Grant No. 2			
	3	Approval			
	4	Petition			
	5	Conveyance from Francisco R. Lopez to Agustin Olvera			
	6	Conveyance from P. Lopez to Miguel Triumfo			
466		Manuel Sales Tasion	400 by 200 varas, S. Gabriel	M. S. Tasion (neophyte)	443
	1	Grant			
467		José Domingo	350 by 250 varas, S. Gabriel	Felipe (neophyte)	446



## List of original documents in cases presented to the United States land commission, &amp;c.—Continued.

Number of land claim.			Presenting claimants.	Localities.	Original claimants.	Number of expediente.
117	467	1	Grant			
		2	Juridical possession			
		3	Will of Felipe			
	468		Victoria Reid	200 varas square, S. Gabriel	Serafin de Jesus (neophyte)	486
		1	Grant No. 1			
		2	Grant No. 2			
	469		Silvestre de la Portilla	Valle de San José	S. de la Portilla	155
		1	Grant			
	470		Yorbas and Peraltas	Santiago de S. Ana	Anto. Yorba	559
		1	Petition and grant			
		2	Certified copy of petition			
	471		Maria Juana de los Angeles	Cuca	M. J. de los Angeles (neophyte)	449
		1	Grant			
		2	Traced copy of registry of grant			
	472		Raimundo Olivas <i>et al.</i>	San Miguel	R. Olivas <i>et al.</i>	241
		1	Grant			
		2	Juridical possession			
	473		José Ramon Malo	Santa Rita	J. R. Malo	542
		1	Grant			
		2	Juridical possession			
	474		Ma. Jesus Olivera de Cota	Santa Rosa	Francisco Cota	160
118		1	Grant			
		2	Approval			
		3	Map			
		4	Grant ext			
		5	Juridical possession			
	475		Tomas Sanchez Cola	Santa Gertrudes	Manuel Nieto	103
		1	Conveyance from Dna. Maria Josefa to Thomas Sanchez			
		2	Possession			
		3	Map			
		4	Confirmation of grant			
119	476		José Ramon Malo	La Purisima	J. R. Malo	
		1	Certificate of sale			
		2	Conveyance. Cost of sale by Governor Pico to J. Temple, from J. Temple to J. R. Malo.			
		3	Receipt and orders 1, 2, 3			
118	477		Juan Gallardo	200 varas square, L. A. Co	J. Gallardo	258
		1	Certificate of J. L. Sepulveda			
119	478		Maria Rita Valdez	San Antonio	M. R. Valdez <i>et al.</i>	
		1	Record of proceedings			
119	479		Manuel Anto. Rodriguez	Misn. of S. Buenaventura	José Arnás	
		1	Deed of sale			



120	480	.....	Nazario Dominguez. The same original papers as in case No. 398, L. C.	$\frac{1}{8}$ of San Pedro	Cristoval Dominguez	
	481	.....	Andres <i>et al</i>	Guajome	Andres and José Manuel (neophytes.)	459
121	1, 2	.....	Possession and grant			
	482	.....	Emigdio Vejar	Boca de la Playa	E. Vejar	
122	1	.....	Grant			
	2	.....	Juridical possession			
	483	.....	Leon V. Prudhomme	Topanga Malibu	José Bartolome Tapia	
	1	.....	Document, marked No. 1. Petition of B. Tapia			
	2	.....	Document, marked No. 2. Will of J. B. Tapia			
	3	.....	Document, marked No. 3. Distribution of the property of B. Tapia			
	4	.....	Document, marked No. 4. Distribution of the property of B. Tapia			
123	5	.....	Document, marked No. 5. Inventory of effects of J. B. Tapia			
	484	.....	William Williams <i>et al</i>	Valle de las Viejas	Ramon Osuna <i>et al</i>	509
	1	.....	Original grant			
	485	.....	Caveat of J. Coutz	La Soledad	Franco. Ma. Alvarado	
	1, 2	.....	Record of proceedings and grant			
	486	.....	Juan Moreno	Santa Rosa	J. Moreno	499
	1	.....	Grant			
124	2	.....	Map			
	487	.....	Antonio Rocha <i>et al</i>	La Brea	A. J. Rocha <i>et al</i>	
	1, 2	.....	Petition and grant			
	488	.....	Anacleto Lestrada	Cañada de los Coches	Apolinario Lorenzana	531
	1	.....	Grant			
	2	.....	Approval			
	3	.....	Conveyance from Apolinario Lorenzana to Anacleto Lestrada			
	489	.....	Arno Manbe	200 varas square, S. Gabriel	A. Manbe (neophyte)	537
	1	.....	Grant			
	490	.....	Maria Manuela Valencia	Boca de Cañada del Pinole	M. M. Valencia	284
	1	.....	Grant			
	491	.....	Pedro C. Carrillo	Camulos	Pedro C. Carrillo	314
	1	.....	Grant			
	2	.....	Map			
	492	.....	Raimundo Carrillo	Nojoqui	R. Carrillo	395
125	1	.....	Grant No. 1			
	2	.....	Grant No. 2			
	3	.....	Map			
	4	.....	Juridical possession			
	493	.....	Hilaria Sanchez. No original papers presented in this case	Tamalpais	H. Sanchez	441
	494	.....	Crisogono Ayala	Santa Ana	Crisogono Ayala	{ 55 160
	1	.....	Grant			
	2	.....	Juridical possession			
	3	.....	Map			
	495	.....	Joseph P. Thompson	Part of Napa, 640 acres	Salvador Vallejo	200
	1	.....	Grant			
	2	.....	Juridical possession			
	3	.....	Map			
	4	.....	Conveyance, from S. Vallejo to J. W. Revere			
	5	.....	Conveyance, from J. W. Revere to Rafael Cacho			
	496	.....	Jose Maria Fuentes	Potrero	J. M. Fuentes	
	1	.....	Grant			



## List of original documents in cases presented to the United States land commission, &amp;c.—Continued.

Number of land claim.			Presenting claimants.	Localities.	Original claimants.	Number of expediente.
126	496	2	Certificate of minister of interior .....			
		3	Certificate of Am. legation .....			
		4	Certificate of notaries .....			
	497		Heirs of Juan Reid .....	Corte de Madera .....	Juan Reid .....	27
		1	Grant .....			
		2	Juridical possession .....			
	498		Pedro C. Carrillo .....	Los Alamos y Agua Caliente .....	P. C. Carrillo .....	307
		1	Map .....			
	499		John Hendley <i>et al.</i> Original grant withdrawn from paper in this case .....	Llano de Santa Rosa .....	Joaquin Carrillo .....	362
		1	Conveyance, Joaquin Carrillo and wife to J. Hendley <i>et al.</i> .....			
		2	Conveyance, Joaquin Carrillo and wife to J. Hendley <i>et al.</i> .....			
		3	Original Doc. in case No. 252, L. C. ....			
	500		Lilburn W. Boggs .....	Part of Napa, 980 acres .....	Salvador Vallejo .....	200
		1	Conveyance, from S. Vallejo to Lilburn W. Boggs. The same original papers as in case No. 495, L. C. ....			
	501		Joaquin Estrada .....	Santa Margarita .....	J. Estrada .....	253
		1	Grant .....			
	502		Teodoro Gonzales .....	Rincon de la punta del Monte .....	T. Gonzalez .....	63
		1	Grant .....			
		2	Record of proceedings .....			
		3	Juridical proceedings .....			
	503		Maria L. B. Berreyesa .....	San Vicente .....	José R. Berreyesa .....	293
127		1	Grant .....			
		2	Traced copy of map .....			
		3	Traced copy of expdt. 294 .....			
	504		José Miguel Gomez .....	San Simeon .....	José Ramon Estrada .....	
		1	Cert. copy of conveyance, from Ex. of J. R. Estrada to P. B. Park; from Belamy, for P. B. Park to H. A. Teft; from H. A. Teft to J. M. Gomez. ....			
	505		Feliciano Soberanes .....	San Lorenzo .....	F. Soberanes .....	248
		1	Grant .....			
	506		Agustin Bernal .....	Santa Teresa .....	Joaquin Bernal .....	102
		1	Grant and map .....			
		2	Juridical possession .....			
	507		H. F. Teschemacher .....	Lup Yomi .....	Salvador Vallejo .....	
		1	Grant .....			
		2	Map .....			
		3	Petition, from J. A. Vallejo to S. Vallejo .....			
		4	Will and conveyance, from S. Vallejo to H. F. Teschemacher .....			
	508		Heirs of Domingo Carrillo .....	Las Virgenes .....	D. Carrillo .....	54
		1	Juridical possession .....			
		2	Traced copy of grant .....			
	509		Samuel G. Reed <i>et al.</i> .....	Rancho del Puerto .....	Mariano Hernandez .....	341



128	510	1	Grant and conveyance from J. Hiram Grimes to S. G. Reed <i>et al.</i>			
		1	Uladioa Vallejo	Part of Napa	Salvador Vallejo	200
		2	Conveyance, from Guadalupe Soberanes to U. Vallejo			
129	511	1	Conveyance, from S. Vallejo to T. & G. Soberanes			
		1	Henry Cambuston	11 leagues in Butte County	H. Cambuston	
130	512	1	Traced copy of grant			
		1	Gnadalupe Ortega de Chapman <i>et al.</i>	San Pedro	José Chapman	
131	513	1	Cert. clerk of Monterey			
		2	Map			
			Francisco Estevan Quintana. No original papers presented in this case	La Vina	F. E. Quintana	
132	514	1	James Enright	2,000 vs. sq. S. Clara	Franco. Garcia	
		1	Record of proceedings			
		2	Conveyance, Nos. 1, 2, from Franco. Garcia to Santiago Henright; Franco. Garcia to James Enright.			
133	515	1	Joseph C. Palmer <i>et al.</i>	Punta de Lobos	Benito Dias	
		1	Grant			
			Barcelina Bernal. See case No. 778, L. C.	Embarcadero de S. Clara	B. Bernal	454
133	517	1	Nicholas A. Den	Dos Pueblos	N. A. Den	301
		2	Approval			
		3	Juridical possession			
133	518	1	David Spence	Llano de Buena Vista	By Luis Anto. Arguello to José Maro. Estrada.	
		1	Conveyance E (A), J. M. Estrada to M. Dias			
		2	Conveyance D (B), M. Dias and Louisa Estrada to D. E. Spence			
134	519	3	Conveyance C (C), M. Dias and wife to D. E. Spence			
		1	José Dolores Ortega	Cañada de Corral	J. D. Ortega	261
		2	Grant			
134	520	1	Juridical possession			
		1	Daniel Hill	La Goleta	Daniel Hill	570
		2	Grant			
134	521	1	Juridical possession			
		1	Manuel Anguisola	Temascal	Franco. Lopez <i>et al.</i>	520
		2	Grant			
134	522	3	Juridical possession			
		4	Conveyance and copy of Exp. from Franco. Lopez to M. Anguisola			
		4	Map			
134	523	1	Antonio Ma. Ortega	Na. Sa. del Refugio	A. M. Ortega	9
		1	Grant			
		2	Juridical possession			
135	524	1	Hicks and Martin	Rancho de los Cosumnes	Helino (chief)	
		1	Conveyance			
		1, 2	Barbara Soto <i>et al.</i>	San Lorenzo	Fran'co Soto	299
135	525	1	Grant and Sobrante			
		1	Bethuel Phelps	Punta Reyes	James Richard Berry	73
		2	Grant			
136	526	1	Juridical possession			
		1	Feliciano Soberanes	Mn. de la Soledad	F. Soberanes	
		1	Grant			
136	527	1	James Blair <i>et al.</i>	Salsipuedas	Manuel Jimeno Casacui	
		1	Expediente No. 157 (A), petition of Francisco de Haro			
		2	Exhibit No. 2 (B), certificate of brand and car-mark			



Number of land claim.			Presenting claimants.	Localities.	Original claimants.	Number of expediente.
136	527	3	Exhibit No. 3 (C) from F. de Haro to M. J. Casarin .....			
		4	Exhibit No. 4 (A), petition of Jimeno .....			
		5	Grant (G) .....			
		6	Map (N) .....			
		7	Confer by Terri Depnta (E) .....			
		8	Confer by Gov. Alvado (L) .....			
		9	Petition by Jimeno (J) .....			
	528		Luis T. Burton .....	Jesus Maria .....	Lucas Olivera .....	150
		1	Grant (A) .....			
		2	Map (B) .....			
		3	Juridical possession (C) .....			
		4	Conveyance (G) from J. M. Valenzuela to P. C. Carrillo .....			
		5	Conveyance (M) from J. Camarillo to José Carrillo .....			
		6	Conveyance (E) from Antonio Olivera to J. Ma. Valenzuela .....			
	529	7	Conveyance (I,) (J,) (K), from Lucas Oliras to Camarillo; from J. Ma. Val-en'la to L. G. Burton; from P. C. Carrillo and wife to L. T. Burton.			
			James McKinley .....	Morro y Cayucos .....	Martin Olivera and Vicente Feliz .....	260
		1	Grants and petition .....			
		2	Diagram .....			
		3	Transfers—1, from V. Feliz to James McKinley; 2, from Martin Olivera to James McKinley.			
	530		James McKinley .....	Rancho San Lucas .....	Rafael Estrada .....	384
		1	Grant .....			
137	531		Fermina Espinosa .....	Los Gatos or Santa Rosa .....	José Trinidad Espinosa .....	
		1	Record of proceedings .....			
		2	Grant .....			
		3	Juridical possession .....			
	532	4	Map .....			
			Eusebio Boronda .....	Rinconada del Saujon .....	E. Boronda .....	191
		1	Grant .....			
	533	2	Juridical possession .....			
		3	Map .....			
			José Manuel Boronda .....	Los Laureles .....	José M. Boronda <i>et al</i> .....	175
138	534	1, 2	Grant and juridical possession .....			
			Joaquin Carrillo <i>et al</i> .....	San Carlos de Jonata .....	J. Carrillo .....	
		1	Record of proceedings .....			
		2	Map .....			
		3	Grant .....			
	535	4	Juridical .....			
		5	Map .....			
			Rafael Estrada .....	Rincon de las Salinas .....	Cristina Delgado .....	16
		1	Grant .....			



139	536	2	Juridical possession.....	.....	.....	.....
		3	Approval.....	.....	.....	.....
	537	1	J. M. Covarrubias.....	Castac.....	J. M. Covarrubias.....	326
		1	Grant.....	.....	.....	.....
	538	1	Juana Briones de Lugo.....	Paroje de Sanchez.....	Francisco Lugo.....	75
		2	Grant.....	.....	.....	.....
	539	2	Juridical possession.....	.....	.....	.....
		3	Map.....	.....	.....	.....
	540	1	José Ma. Covarrubias and J. Carrillo.....	Santa Ynez.....	J. M. Covarrubias <i>et al.</i> .....	.....
		1	Grant.....	.....	.....	.....
140	541	1	Ma. de Espiritu Santo Carrillo.....	Loma del Espiritu Santo.....	Ma. del Espiritu Santo Carrillo.....	135
		1	Grant.....	.....	.....	.....
	542	1	Heirs of Felipe Vasquez.....	Chamisal.....	F. Vasquez.....	121
		2	Grant.....	.....	.....	.....
	543	2	Juridical possession.....	.....	.....	.....
		3	Map.....	.....	.....	.....
	544	1	Gregorio Briones.....	Los Baulenes.....	Gregorio Briones.....	.....
		1	Grant.....	.....	.....	.....
	545	1	Encarnacion Buelna.....	Heirs of Ma. Concepcion V de Rodriguez for San Gregorio.....	Antonino Buelna.....	197
		2	Petition.....	.....	.....	.....
141	546	2	Grant.....	.....	.....	.....
		1	Mayor and c. council of Santa Barbara. (No original papers presented at the trial of the case.)	Pueblo lands.....	P. of Santa Barbara.....	.....
	547	1	Mariano Soberanes.....	Los Ojitos.....	M. Soberanes.....	275
		1	Grant.....	.....	.....	.....
	548	1	Julian Ursua.....	La Panoche de S. Juan.....	J. Ursua.....	348
		2	Juridical possession.....	.....	.....	.....
	549	2	Grant.....	.....	.....	.....
		1	José Castro.....	Jan José y Snr Chiquito.....	Marcelino Escobar.....	198
	550	1	Power of attorney from J. Silvas <i>et al.</i> to J. Castro; from Juan and Agustin Escobarte to Josefa Abrega.	.....	.....	.....
		2	Transfers (copies of deeds) from J. Castro to J. S. Emery <i>et al.</i> ; from Josefa Abrego to the Presidial Company.	.....	.....	.....
142	551	3	Conveyance.....	.....	.....	.....
		4	Conveyance.....	.....	.....	.....
	552	1	J. M. Covarrubias. (No original presented in this case; traced copies)	Island of Sta. Catarina.....	Tomas Robbins.....	.....
		1	José Y. Limantour, claimant.....	4 square leagues in San Francisco, south of California street.	J. Y. Limantour.....	.....
	553	1	Exhibit marked A.....	.....	.....	.....
		2	Exhibit communication B.....	.....	.....	.....
	554	3	Exhibit communication C.....	.....	.....	.....
		4	Exhibit communication D. Letter from Jimeno.....	.....	.....	.....
	555	5	Exhibit communication E. Translation of accusation against A. Juan.....	.....	.....	.....
		6	Exhibit communication F. Certificate of Micheltorena.....	.....	.....	.....
143	556	7	Exhibit communication G. Petition of Tomas O. Larkin.....	.....	.....	.....
		8	Exhibit communication H. Letter from M. G. Vallejo and letter from Arista to governor of California.	.....	.....	.....
	557	9	Exhibit communication I. Copy of expediente.....	.....	.....	.....
		10	Exhibit communication K. From Jimeno, secretary to the governor.....	.....	.....	.....
	558	11	Exhibit communication M. Journal during the imprisonment of A. Juan.....	.....	.....	.....
		12	Exhibit communication N. Copy of accusation and defense of A. Juan.....	.....	.....	.....
	559	1	.....	.....	.....	.....
		2	.....	.....	.....	.....
	560	3	.....	.....	.....	.....
		4	.....	.....	.....	.....
	561	5	.....	.....	.....	.....



Number of land claim.			Presenting claimants.	Localities.	Original claimants.	Number of expediente.
143	549	.....	José Y. Limantour .....	Farallones Islands, Point Tiburon, Yerba Buena Island.	José Y. Limantour.....	.....
		1	Grant and confirmation of the same .....			
	550	.....	John P. Davidson.....	Santa Paula y Saticoy .....	Manuel J. Casarin.....	204
		1	Grant.....			
		2	Juridical possession .....			
	551	.....	Mariano Seberanes .....	San Bernardo .....	M. Soberanes <i>et al</i> .....	238
		1	Grant.....			
	552	.....	Heirs of Joaquin Soto .....	El Piojo .....	Joaquin Soto.....	292
		1, 2	Grant and map .....			
	553	.....	Antonio Olivera .....	Casmalia.....	A. Olivera .....	209
144		1	Grant.....			
		2	Map .....			
		3	Juridical possession .....			
	554	.....	Andrew Randall <i>et al</i> .....	Cañada de la Segunda .....	J. Castro and Lazaro Soto.....	
		1	Grant.....			
		2	Map .....			
	555	.....	Andrew Randall .....	San Lorenzo .....	Francisco Rice.....	316
		1	Grant.....			
		2	Conveyance.....			
	556	.....	Franco. Dominguez.....	San Emidio .....	J. Anto. Dominquez.....	289
145		1	Grant (No. 1) .....			
		2	Map (No. 2).....			
		3	Conveyance (A). From F. Villa Domingues to J. C. Frémont.....			
		4	Conveyance (B). From heirs of Anto. Domingues to J. C. Frémont.....			
		5	Conveyance (C). From heirs of Anto. Dominguez to J. C. Frémont.....			
	557	.....	Jacob P. Leese.....	R. del Sansal.....	José Tiburcio Castro .....	
		1	Grant.....			
		2	Map .....			
		3	Conveyance. From J. A. Castro <i>et al.</i> to Rosalia V. de Leese .....			
	558	.....	Carlos White .....	San Antonio .....	Antonio Ortega .....	
146		1	Grant.....			
		2	Map .....			
147	559	.....	D. W. M. Howard .....	San Mateo .....	Cayetano Arenas .....	
148		1	Conveyance from C. Arenas to D. M. Howard .....			
		2	Conveyance from Henry Mellus and wife to D. M. Howard and Talbot H. Green .....			
	560	.....	Patrick Breen .....	1,500 varas, San Juan .....	José Castro.....	
		1	Grant .....			
		2	Conveyance from J. Castro and wife to P. Breen .....			
	561	.....	Michael White.....	Muscupiabe .....	M. White .....	525
562		1	Grant .....			
		1	James Watson .....	San Benito.....	Francisco Garcia .....	276
		1	Grant .....			



563	2	Map			
	3	Juridical possession			
	4	Conveyance from Franco Garcia and wife to Mr. J. Watson			
		L. E. Page <i>et al.</i>	Point Pinos	José Maria Armenta	37
564	1	Grant			
	2	Map			
	3	Juridical possession			
	4	Conveyance (C) from Ma. Anto. Armenta to Pacificus Ord			
	5	Conveyance (D) from Cristobal Armenta to Pacificus Ord			
	6	Conveyance (F No. 1) from J. Anto. Armenta to Lucinda E. Pogue			
	7	Conveyance (F No. 2) from J. Anto. Armenta to Pacificus Ord			
	8	Conveyance (E) from J. Ant. Armienta to Pacificus Ord			
565		John C. Gore	Pescadero	Fabrian Barretto	151
	1	Grant			
	2	Approval			
	3	Juridical possessions			
566	4	Conveyance from Widow Barreto to Juan Romie			
		Ramona Butron	Natividad	M. Butron and N. Alvisee	
	1	Original grant and papers			
	2	Petition and grant			
567	3	Map			
		Guadalupe Castro	San Andres	Joaquin Castro	133
	1	Grant			
	2	Approval			
568	3	Juridical possession			
	4	Map			
		U. S. Johnson	Pleyto	Antonio Chaves	457
	1	Grant			
569	2	Conveyance from J. A. Chaves to Tomas Soberanes			
		Anto. Rodriguez	San Vicente	Anto. Rodriguez	514
	1	Petition			
	2	Approval			
570	3	Map			
		Vicente Gomez	Panocha Grande	Vicente Gomez	393
	1	Map			
	2	Traced copy of expediente			
571		Heirs of Gabriel Espinosa	Salinas	G. Espinosa	13
	1	Grant			
	2	Approval			
	3	Juridical possession			
572		Henry Cocks	San Bernabe	Jesus Molina and Petronilo Rios	224
	1	Grant			
	2	Grant			
	3	Juridical possession			
572	4	Map			
	5	Conveyance and transfer from J. Molina to Petronilo Rios, and from P. and J. Garcia to Franco. Garcia.			
	6	Map			
		Henry Cocks	1/4 of a league	Esteban Espinosa	
572	1	Grant			
	2	Petition			
572	3	Juridical possession			



Number of land claim.		Presenting claimants.	Localities.	Original claimants.	Number of expediente.
150	573	James Meadows	Las Lomerias, near Canada de la Seguida.	Antonio Romero	193
	1	Grant			
	2	Conveyance from J. A. Romen and wife to William Gardner			
	3	Conveyance from William R. Garner to Thomas O'Larkin			
	4	Conveyance from Thomas O'Larkin to James Meadows			
151	574	Julian Workman	Mission of San Gabriel	J. Workman and P. Hugo Reid	
	1	Traced copy of sale			
	2	Traced copy or order			
	3	Record of proceedings			
152	575	John F. Jones	Rio de Las Animas	Leonardo Cota and Julian Chaves	
	1	Grant			
153	576	Agustin Olvera. (No original papers presented in this case)	La Cienega	A. Olvera and N. Bottello	
	577	B. McCombs	Salvador's Rancho, Napa, part 140 acres.	Salvador Vallejo	200
	1	Conveyance from N. Higuera to José P. Walker			153
	578	Joel P. Walker. (The same originals as in case No. 323 land claims)	Entre Napa (part of)	Nicolas Higuera	200
	579	Johnson Horrel. (All original papers presented in case No. 495 land claims)	Salvador's Rancho, Napa (part of)	Salvador Vallejo	153
	580	Peter D. Bailey. (No original papers in this case)	Entre Napa (part of)	Nicolas Higuera	153
	581	Joseph Mount. (No original documents presented)	do	do	200
	582	John Love	Salvador's Rancho (Napa)	Salvador Vallejo	200
	1	Certified copy of expediente. (The same as in case No. 495 land claims)			
	583	William Keely. (The same as in case No. 495 land cases)	Salvador's Rancho (Napa)	Salvador Vallejo	200
	584	Johnson Horrel	Rincon de Musulacon	Francisco Berreyesa	510
	1, 2	Grant and conveyance			
	585	Joseph Green. (No original papers presented in this case)	Entre Napa (part of)	Nicolas Higuera	153
	586	John Patchett. (No original papers presented in this case)	do	do	153
	587	Marta Frias de Higuera. (No original papers presented in this case)	do	do	153
	588	Pedro Estrada	La Asuncion	P. Estrada	455
	1	Grant			
154	589	President and trustees of the city of San Diego	Pueblo lands	Pueblo of San Diego	
	1	Traced copy of record of proceedings			
	590	Joaquin Moraga	Laguna de los Palos Colorados	J. Moraga, J. Bernal	249
	1, 2	Grant and decision concerning boundaries			
	3	Map			
	591	Nicolas Doderó. (No original presented in this case)	Tres Ojos de Agua	N. Doderó	357
	592	Juan Hames	Arroyo del Rodeo	Franco. Rodriguez	105
	1	Grant			
	2	Juridical possession			
	3	Map and transfer. From Franco. Rodriguez <i>et al.</i> to J. Hames <i>et al.</i>			
	593	Martina Castro. (No original papers in this case)	Shoquel and Surplus (known as)	Palo de la Yesca, Martina Castro	31
	594	Tiburecio Vasquez	Corral de Tierra	T. Vasquez	179
	1	Grant			



155	595	.....	José Abrego .....	San Francisquito .....	C. Manzaneli de Munraz .....	69
		1	Grant .....	.....	.....	.....
		2	Map .....	.....	.....	.....
		3	Juridical possession .....	.....	.....	.....
		4	Conveyance No. 1 from Franco. Soto to Ma. Josefa Rodriguez .....	.....	.....	.....
156	596	.....	Conveyance No. 2 from Ma. Josefa Rodriguez to William Garner .....	Los Paicines .....	Angel Castro .....	.....
		1	Angel Castro <i>et al</i> .....	.....	.....	.....
		1	Grant .....	.....	.....	.....
	597	.....	Gregorio Tapia. (No original papers presented in this case) .....	Aguagito .....	G. Tapia .....	295
	598	.....	Maria A. Cruz .....	Canada de los Pinacates .....	J. M. Cruz y J. Cosio .....	5
157		1	Traced copy of deed of concession. (Complete record of proceedings deposited in this office. ....	.....	.....	.....
	599	.....	Maria J. Soberanes .....	Los Coches .....	M. J. Soberanes .....	239
		1	Grant .....	.....	.....	.....
		2	Juridical possession .....	.....	.....	.....
		3	Map .....	.....	.....	.....
158	600	.....	Manuel Castro .....	Laguna de Tache .....	M. Castro .....	.....
		1, 2	Petition and grant .....	.....	.....	.....
		1, 2	Petition, grant, and map .....	.....	.....	.....
	601	.....	Jeremiah Clark .....	Rancho Laguna de Tache (part of) .....	M. Castro .....	.....
		1	Certified copy of .....	.....	.....	.....
159		2	Conveyance from M. Castro to J. Clark <i>et al</i> .....	.....	.....	.....
	602	.....	Francisco Pico .....	Las Calaveras .....	F. Pico .....	.....
		1	Grant .....	.....	.....	.....
		2	Record of proceedings .....	.....	.....	.....
	603	.....	Elizabeth de Zaldo .....	50 varas, Mission Dolores .....	Carlos Moreno .....	.....
160		1	Petition and grant .....	2 fifty-vara lots in San Francisco .....	S. Smith .....	.....
	604	.....	Stephen Smith .....	6 leagues in Y. Co. ....	John Smith .....	.....
		1	Grant .....	.....	.....	.....
	605	.....	John Rose <i>et al</i> .....	Rancho de la Bolsa Nueva y Moro Cojo. ....	Simeon Castro .....	164
	606	.....	Record of proceedings .....	.....	.....	.....
161		1	Maria Anta. P. de Castro .....	.....	.....	.....
		1	Certificate of Estrada .....	.....	.....	.....
		2	Juridical possession .....	.....	.....	.....
		3	Petition and decree .....	.....	.....	.....
		4	Grant .....	.....	.....	.....
162		5	Grant .....	.....	.....	.....
	607	.....	Rufina Castro .....	Land near J. Juan Bantista .....	Mariano Castro .....	.....
		1	Petition and grant .....	San Vicente .....	B. A. Escamilla .....	.....
	608	.....	Blas A. Escamilla .....	.....	.....	.....
		1	Map .....	.....	.....	.....
163		2	Grant .....	Mission lands .....	To the C. Church .....	.....
	609	.....	Archbishop Joseph Sadoc Alemany .....	.....	.....	.....
		1	Exhibit marked (A). Acceptance of lands for seminary .....	.....	.....	.....
		2	Exhibit marked (B). Communication from Gov. Micheltorena to R. Ps .....	.....	.....	.....
		3	Exhibit marked (C). Communication from Thurvide (copy) .....	.....	.....	.....
164		4	Exhibit marked (D). Decree from minister of foreign relations .....	.....	.....	.....
		5	Exhibit marked (E). Grant by Micheltorena in San Luis Obispo .....	.....	.....	.....
		6	Exhibit marked (F). Grant by Micheltorena of land for college .....	.....	.....	.....
		7	Exhibit marked (G). Grant by Micheltorena of land near Mission de Sta. Inez .....	.....	.....	.....
		8	Exhibit marked (H). Grant by Micheltorena of land for college .....	.....	.....	.....



## List of original documents in cases presented to the United States land commission, &amp;c.—Continued.

Number of land claim.			Presenting claimants.	Localities.	Original claimants.	Number of expediente.
164	609	9	Exhibit marked (I). Communication from minister to bishop of California.			
		10	Exhibit marked (J). Record of proceedings relative to possession given to R. J. Jimeno.			
		11	Exhibit marked (K). Grant to the Mission of San Miguel.			
		12	Exhibit marked (L). Grant for the orchard in S. L. Obispo.			
		13	Exhibit marked (M). Juridical possession of La Lagnra.			
		14	Exhibit marked (N). Decree of the minister to the bishop.			
	610		Leander Ransom	Los Laureles, 2,000 varas	José Agricio (neophyte)	356
		1	Grant			
	611	2	Conveyance			
			Jacob P. Leese	Lac, 1,000 varas	Damaso Rodriguez	377
	612	1, 2	Grant and conveyance from D. A. Rodriguez to J. P. Leese			
			Andres Pico	400 varas Mission Dolores	José Prudencio Santillan	
165	613	1	Bill of sale. J. Prudencio Santillan to J. Carrillo.			
		2	Conveyance. Joaquin Carrillo to Andres Pico.			
	614		William Carey Jones. No original presented in this case	Potrero de S. Francisco	Ramona and F. de Haro	360
	614		John Wilson et al.	Sancito (a) S. Matias	Graciano Manjares	51
		1	Grant			
		2	Juridical possession			
		3	Conveyance from Graciano Manjarres to Agustin Escobar.			
		4	Conveyance from Agustin Boronda to John Wilson et al.			
166	615		Ma. Anta. P. de Castro	Corral de Padilla	Baldomero (neophyte)	
		1	Grant			
		2	Juridical possession			
		3	Conveyance from Mariano Romero to S. Castro			
	616		Jonathan D. Stevenson	Los Medanos	José Ant. Mesa et al	185
		1	Petition			
	617	2	Grant and map			
			José de Jesus Bernal	Cañada de Pala	J. de Jesus Bernal	
167	618	1	Petition			
		2	Grant			
	618		Jesus Machado	Buena Vista	Felipe (neophyte)	456
		1	Grant			
		2	Juridical possession			
		3	Transfer from Estefano et al. to Jesus Machado			
168	619		José Noriega	Lands in Sta. Clara	J. Noriega	
		1	Petition			
	620	2	Grant			
			Rafael Castro	Aptos	Rafael Castro	79
	620	1	Grant			
		2	Juridical possession			
		3, 4	Maps Nos. 1 and 2			



169	621	Richard S. Den	Mission of Sta. Barbara	R. S. Den	
	1	Grant			
170	622	2 Map	Mission of S. Miguel	Miguel Garcia <i>et al</i>	
	1	Petronilo Rios			
	2	Transfer from M. Garcia to Petronilo Rios			
	2	Map			
	623	Ma. Anta. Ortega	Atascadero	Trifon Garcia	277
	1	Copy of will of Trifon			
	624	Carlos C. Espinosa	Posa de los Ositos	C. C. Espinosa	201
	1	Grant			
	2	Juridical possession			
	3	Map			
	4	Decree extending time			
171	625	Ysidro Maria Alvarado	Monserate	Y. M. Alvarado	
	1	Grant			
	2	Petition			
	3	Map			
172	626	William Bennitz	Breisgan	W. Bennitz	
	1, 3	Grant, map, and petition			
	627	Manuel Rodriguez	El Butano	Romana Sanchez	285
	1	Photographic copy			
	628	Maria Anta. Castro de Anzar	Real delas Aguilas	Franco. Arias and Saturnino Car- iaga.	369
	1	Traced copy of conveyance from S. Cariaga to J. M. Anzar			
	629	Ferdinand Vassault	Las Camaritas	J. de Jesus Noe	190
	1	Grant			
	2	Petition			
173	630	Quentin Ortega	San Ysidro	Quentin Ortega	
	1	Grant			
	2	Approval			
	3	Certificate of M. E.			
	4	Juridical possession			
	631	Thomas Blanco's heirs	400 varas by 600 varas	Thomas Blanco	381
	1	Grant			
174	632	James L. Ord. No original papers presented in this case	Tuolumne	Solomon Pico	
	633	Sacramento City. No original papers in this case	Lands granted	John A. Sutter	250
	634	John H. Watson and D. S. Gregory. No originals in this case; original documents withdrawn.	Bolsa del Pajaro	A. and S. Rodriguez	108
175	635	José Manuel Bargas	El Pajaro, six suertes	J. M. Bargas	
	1	Grant			
	2	Judicial delivery			
	636	Ma. Concepcion Boronda	Potrero de S. L. Obispo	M. C. Boronda	303
	1	Grant			
	2	Juridical possession			
176	637	Peter H. Burnett	Lot in Sac City	John A. Sutter	
	638	Charles White <i>et al</i>	Pala	José Higuera	45
	1	Grant			
	2	Map			
	3	Confirmation			
	4	Juridical possession			
	5	Will of J. J. Higuera			
	6	Will of Bernarda Soto			



Number of land claim.			Presenting claimants.	Localities.	Original claimants.	Number of expediente.
176	638	7	Copy of the same from D. Higuera <i>et al.</i> to Charles White			
		8	Certified copy of deeds. Original conveyance withdrawn			
177	639		City of Sonoma	City lands	No grant	
178	640		Rufus Rowe <i>et al.</i> Original papers in case No. 2, L. C.	Las Pulgas (part of)	Luis Arguello	
179	641		Antonio Ma. Osio	Near Sta. Clara Mission	A. M. Osio	
		1	Grant			
	642		Ma. Concepcion V. de Rodriguez	San Francisquito	Antonio Buelna	259
		1	Grant			
		2	Petition			
	643		Julio Carrillo	Cabeza de Santa Rosa (part of)	Ma. Yga. Lopez	255
		1	Grant			
		2	Juridical possession			
	644		Jacob R. Mayer	Cabeza de Santa Rosa (part of)	Ma. Ya. Lopez	255
		1	Conveyance from D. W. C. Thompson to Jacob R. Mayer. (The same original papers as in case No. 643, L. C.)			
	645		James Eldridge	Cabeza de Santa Rosa (part of)	Ma. Yga. Lopez	255
		1, 2	Conveyances 1, 2 (A, B). S. Vallejo and wife to J. Eldredge. (B) From M. G. Vallejo <i>et al.</i> to J. Eldredge.			
		3	Conveyance (C) from J. Ramon Carrillo <i>et al.</i> to J. Eldredge			
		4	Conveyance (D) from Julio Carrillo to J. Eldredge			
		5	Conveyance (E) from Marta Carrillo to J. Eldredge			
		5	Conveyance (F) from Felicidad Carrillo to J. Eldredge			
	646		Felicidad Carrillo de Castro	Cabeza de Santa Rosa (part of)	Ma. Yga. Lopez	255
		1	Conveyance from M. G. Vallejo <i>et al.</i> to Felicidad Carrillo			
		2	Conveyance from J. R. Carrillo and others to Felicidad Carrillo			
	647		Juana de Jesus Mallagh	Cabeza de Sta. Rosa (part of)	Ma. Yga. Lopez	255
		1	Conveyance from J. R. Carrillo <i>et al.</i> to J. de J. Mallagh			
		2	Conveyance from M. G. Vallejo <i>et al.</i> to J. de J. Mallagh			
180	648		Ma. Teodora Peralta	Buorochoa	M. T. Peralta	
		1	Petition			
		2	Grant			
	649		Otto H. Frank <i>et al.</i>	Napa (part of)	Salvador Vallejo	200
		1	Conveyance from S. Vallejo to Herman Mohler			
		2	Conveyance from Herman Mohler to Otto H. Frank			
	650		Joaquin Soto	Cañada de la Carpinteria	J. Soto	4
		1	Grant			
		2	Map			
		3	Juridical possession			
	651		James Williams <i>et al.</i> , heirs of E. A. Farwell, and heirs of J. Potter	Arroyo Chico	E. A. Farwell	359
		1	Grant			
181	652		Benjamin S. Lippincott. (No original papers presented)	Land in S. J. Co	José Castro	
182	653		Frederick E. Whiting. (No original papers presented)	Las Animas	Mariano Castro	



183	654	.....	Inocencio Romero <i>et al.</i> .....	Land in C. C. Co.....	Inocencio Romero.....	
	1, 2, 3	.....	Exhibits A, B, C, D, E, F. A, petition asking for possession. B, sale of			
	4, 5, 6	.....	$\frac{1}{2}$ interest by Ramon to F. Garcia. C, petition to the governor. D, petition to judge. E, Petition to judge. F, order of justice.			
184	655	.....	George Swat. (No original papers presented.).....	Nueva Flandria.....	G. Swat.....	
185	656	.....	John. A. Sutter, for the Moquelumne In.....	Land in Sac. Co.....	Moquelumne Indians.....	
	1	.....	Order.....			
	2	.....	Map.....			
	3	.....	Petition.....			
	4	.....	Grant.....			
186	657	.....	Martin E. Cooke <i>et al.</i> (No original papers presented in this case).....	Malacones or Moristal (part of)...	José de los S. Berreyesa.....	305
	658	.....	Nathaniel Bassett.....	Los Coluses.....	Juan Danbenbiss.....	
	1	.....	Record of proceedings.....			
	659	.....	John Hendley.....	Cabeza de Sta. Rosa (part of).....	Ma. Yga. Lopez.....	255
	1	.....	Conveyance from Carrillo <i>et al.</i> to J. Hendley.....			
	2	.....	Conveyance from J. Wilson and wife to J. Hendley.....			
	660	.....	J. H. Fine.....	Suisun (part of).....	Francisco Solano.....	266
	1	.....	Conveyance from M. G. Vallejo and wife to J. H. Fine.....			
187	661	.....	E. R. Carpentier. (No original papers presented by claimants).....	10 square leagues C. C. Co.....	J. J. and Victor Castro.....	
188	662	.....	H. W. Carpentier. (No originals appear on record).....	land in Contra Co. Co.....	Luis Peralta.....	
189	663	.....	Joseph S. Alemany.....	Lands of missions.....	Indians of missions.....	
	1	.....	Grant.....			
	2	.....	Decree.....			
	3	.....	Statistical report of mss.....			
	4	.....	Grant.....			
	5	.....	Petition and decree.....			
	6	.....	Grant.....			
	664	.....	L. Hoover, administrator. (No originals in this case).....	5 square leagues in Plumas River.....	Charles W. Flugge.....	349
	665	.....	Heirs of D. Little John.....	Los Carneros.....	David Littlejohn.....	81
	1	.....	Naturalization papers.....			
	2	.....	Grant.....			
	3	.....	Juridical possession.....			
	666	.....	A. Randall.....	Punta de Reyes.....	Antonio Ma. Osio.....	322
	1	.....	Grant.....			
	2	.....	Certificate of Castañares.....			
	3	.....	Communication.....			
	667	.....	José M. Revere.....	San Geronimo.....	Rafael Cacheco.....	343
	1	.....	Grant.....			
	2	.....	Map and certificate.....			
	3	.....	Map.....			
	4	.....	Renunciation (P) from R. Cacho to Revere.....			
	5	.....	Quitclaim (R) from J. M. Revere to R. Cacho.....			
190	668	.....	Bruno Bernal.....	El Alisal.....	Feliciano Soberanes.....	
	1, 2	.....	Grant and conveyance from sheriff of Mont'y Co. to Bruno Bernal.....			
	3	.....	Approval.....			
	4	.....	Juridical possession.....			
	669	.....	Francisco Arce.....	Lot in Santa Clara.....	Franco. Arco.....	566
	1, 2	.....	Petition and grant.....			
	670	.....	Presentacion de Ridley. (No original presented in this case).....	Cañada de Guadalupe.....	Jacob P. Leese.....	245
191	671	.....	C. S. de Bernal. (No originals presented in this case).....	Lot in Miss'n Dolores.....	José C. Bernal.....	
192	672	.....	José de la Cruz Sanchez.....	San Mateo.....	J. de la C. Sanchez (petitioned for).....	
	1	.....	Record of proceedings and map.....			



## List of original documents in cases presented to the United States land commission, &amp;c.—Continued.

Number of land claim.			Presenting claimants.	Localities.	Original claimants.	Number of expediente.
193	673	-----	Francisco Soberanes .....	Sanjon de Sta. Rita .....	F. Soberanes .....	-----
		1	Petition .....	-----	-----	-----
		2	Grant .....	-----	-----	-----
194	674	3	Map .....	-----	-----	-----
		-----	Rafael Sanchez .....	San Lorenzo .....	R. Sanchez .....	-----
		1	Petition .....	-----	-----	-----
195	675	2	Report of prefect .....	-----	-----	-----
		3	Grant .....	-----	-----	-----
		4	Map .....	-----	-----	-----
196	676	-----	Nicolas Morehon .....	Cahuenga .....	Luis Arenas .....	-----
		1	Conveyance from J. Castro to L. Arenas .....	-----	-----	-----
		2	Conveyance from Arenas to J. M. Murphy, and from Murphy to N. Morehon .....	-----	-----	-----
197	677	-----	John B. Frisbie. No original papers presented in this case .....	Matzultaquea .....	Ramon Carrillo .....	-----
		-----	Joaquin Higuera. Original papers the same as presented in case No. 638 .....	Pala .....	José Higuera .....	45
		678	Miguel Villagrana .....	Aguajito, 500 varas square .....	M. Villagrana .....	113
198	679	1	Grant .....	-----	-----	-----
		2	Petition .....	-----	-----	-----
		3	Certificate of possession .....	-----	-----	-----
199	680	-----	Vicente Gomez <i>et al.</i> .....	El Tucho, 1,500 varas square .....	J. Joaquin Gomez .....	-----
		1, 2	Petition and grant .....	-----	-----	-----
		-----	Maria Ant. Castro de Anzar <i>et al.</i> .....	Los Carneros .....	Ma. Anta. Linares .....	297
200	681	1	Grant .....	-----	-----	-----
		2	Communication .....	-----	-----	-----
		3	Certificate of Castro .....	-----	-----	-----
201	682	4	do .....	-----	-----	-----
		5	Conveyance from P. Rios to J. M. Ansar .....	-----	-----	-----
		-----	Ermenegildo Vasquez. No original presented in this case .....	500 by 400 varas in Mont'y Co .....	E. Vasquez .....	159
202	683	-----	C. S. de Bernal. (See case No. 671, L. C. —.) .....	200 varas square in S. Fran'co Co .....	J. C. Bernal .....	-----
		-----	Hiram Grimes .....	New Helvetia (part of) .....	John A. Sutter .....	403
		1	Map No. 1 .....	-----	-----	-----
203	684	2	Map No. 2 .....	-----	-----	-----
		-----	Juan B. Alvarado .....	Nicasio .....	Teodocio Guilaguequi <i>et al.</i> , Indian .....	-----
		1	Petition and decree .....	-----	-----	-----
204	685	2	Certificate of M. G. Vallejo .....	-----	-----	-----
		3	Record of proceedings .....	-----	-----	-----
		4	Communication from M. G. Vallejo to the governor .....	-----	-----	-----
205	686	5	Grant .....	-----	-----	-----
		6	Conveyance from T. Guilaguegin <i>et al.</i> to J. B. Alvarado .....	-----	-----	-----
		-----	Henry C. Smith .....	Land in Sta. Clara Co .....	Buenaventura <i>et al.</i> .....	-----
206	687	1, 2	Grant and map .....	-----	-----	-----
		-----	William C. Jones <i>et al.</i> (See case No. 390, L. C.) .....	San Pablo .....	Francisco Ma. Castro .....	-----
		-----	José de Arnas .....	Lands in Sta. Clara Co .....	José de Arnas .....	-----



203	688	1	Grant	100 varas in L. Angeles Co	J. A. Carrillo and Abel Stearns	
		1	Juan Temple and D. Alexander			
		2	Grant			
204	689	2	Conveyance from A. Stearns to J. Temple and D. Alexander			
		3	Conveyance. Obligation from Temple and D. Alexander to A. Stearns			
			Maria Antonia Pico <i>et al.</i> (See case No. 85, L. C.)	Bolsa de San Cayetano	José Dolores Pico, Ygnacio Vallejo	
205	690		Rufina Castro <i>et al.</i> (No original papers presented, except the expediente)	Solis	Mariano Castro	26
			James Enright <i>et al.</i>	El Medano	J. A. and J. M. Mesa	185
		1	Grant. (See case No. 616, L. C.)			
206	692		Guillermo Castro	Land in Alameda Co	G. Castro <i>et al.</i>	
		1	Certificate			
		2	Map			
207	693	3	Grant			
			José Castro <i>et al.</i> (See cases Nos. 320 and 652, L. C.)	Lands on S. Joaquin River	José Castro	
			Ann McDonald <i>et al.</i>	Napa (part of)	Salvador Vallejo	200
208	695	1	Conveyance from S. Vallejo to Hiram Smith			
			Thomas Shaddon. No originals presented in this case	5 leagues in Yolo Co	T. Shaddon	
			William Blackburn. No original papers in this case	Arastradero	Alberto F. Morris	
209	696		Julian Workman <i>et al.</i>	Mission of San Gabriel	J. Workman and Hugo Reid	
		1	Grant			
		2	Traced copy of communication			
210	698		R. S. Den. No originals presented in this case	San Antonio, 4,000 varas in Los Angeles Co.	Nicolas A. Den	
			Narciso Bennett. No originals in this case	140 varas lot in Santa Clara	N. Bennett	485
			Pio Pico <i>et al.</i>	Santa Margarita and Las Flores	P. and Andres Pico	235
211	701	1	Conveyance from Indians to Pio Pico			
			Pedro Chaboya	Land in Sta. Clara Co	P. Chaboya	
			Record of proceedings			
212	702		José and Jaime Ping Monmany	Noche Buena	Juan Anto. Munoz	
		1	Grant			
		2	Juridical possession			
213	703	3	Conveyance. Heirs of Munoz to J. and J. Ping			
			Modesta Castro. No original papers presented in this case	Canada de los Osos	M. Castro	
			Heirs of Franco. de Haro	100 varas, Mission Dolores	Franco. de Haro	
214	704	1	Grant			
			Heirs of Franco. de Haro	50 varas, Mission Dolores	Franco. de Haro	
		1	Petition and grant			
215	705		William A. Dana <i>et al.</i>	San Antonio (part of)	Juan Prado Mesa	136
		1	Exhibit marked (A), deed from J. Ricord to J. W. Weeks			
		2	Exhibit marked (B), petition and order of sale			
216	707	3	Exhibit marked (C), heirs of P. Mesa to J. Ricord			
		4	Exhibit marked (D), W. H. McKee to H. F. & W. A. Dana			
		5	Exhibit marked (E), W. H. McKee to H. F. & W. A. Dana			
217	708	6	Exhibit marked (F), John Ricord to W. H. McKee			
		7	Exhibit marked (G), petition and order of survey for John Ricord			
			William A. Dana	San Antonio (part of)	Juan Prado Mesa	136
218	709	1	Conveyance from James A. Weeks to W. A. & H. F. Dana			
			James W. Weeks. (Originals in case No. 706, L. C.)	San Antonio (part of)	Juan Prado Mesa	136
			Henry C. Curtis. (Originals in case No. 706, L. C.)	do	do	136
219	710		Wm. W. White. (Originals in case No. 706, L. C.)	do	do	136
			Victor Prudon. (No original papers presented.)	Island of Sacramento	Victor Prudon	



Number of land claim.			Presenting claimants.	Localities.	Original claimants.	Number of expediente.	
217	712		Roland Gelston .....	200 by 50 varas, in San Francisco..	William Guluac .....		
		1	Map .....				
		2	Petition .....				
218	713		Juan Alvarez. (Original documents presented in case No. 244.) .....	Laguna Seca .....	Juan Alvires .....	102	
	714		City of Monterrey .....	Pueblo lands .....	To the pueblo of Monterey .....		
		1	Exhibit marked (A), pamphlet of proceedings of the Y. ayuntamiento for the year 1830. ....				
		2	Exhibit marked (B), pamphlet, rough draft of proceedings of the Y. ayuntamiento for the year 1846. ....				
		3	Exhibit marked (C), oath of the members of the ayuntamiento .....				
		4	Exhibit marked (D), communication from Echandia .....				
		5	Exhibit marked (E), communication from Echandia .....				
		6	Exhibit marked (F), communication from Echandia .....				
		7	Exhibit marked (G), communication from Echandia .....				
		8	Exhibit marked (H), proceedings of the ayuntamiento of Monterey .....				
		9	Exhibit marked (I), order from Echandia .....				
10	Exhibit marked (J), order from Echandia .....						
219	715		Exhibit marked (K), circular issued by Gutierrez upon taking his seat as governor. ....				
		12	Exhibit marked (L), circular issued by J. M. Echandia .....				
			José Y. Limantour. (No original papers presented in this case.) .....	80 square leagues .....	Y. Limantour .....		351
	716		Thomas Coal .....	Tucho (part of) .....	T. Coal .....		
		1	Grant .....				
	717	2	Grant .....			200	
			Salvador Vallejo .....	Napa Trancas y Jalapa .....	Salvador Vallejo .....		
	718	1	Conveyance and contract. (From Narcito Ramirez to D. M. de la Luz Carrillo; from Salvador Vallejo to A. Ramirez.) .....			485	
			Mary S. Bennett .....	Two tracts, 140 square, 2,000 by 1,000, Santa Clara. ....	Narceso Bennett .....		
		1	Certificate .....				
	719	2	Grant .....			256	
			Joseph Pope <i>et al.</i> .....	Locoallomi .....	Julian Pope .....		
		1	Grant .....				
		720	2	Juridical possession .....			200
				J. H. Inghram. (Originals in case No. 495, L. C.) .....	Napa (part of) .....	Salvador Vallejo .....	
721			James M. Harbin. (Originals in case No. 495, L. C.) .....	do .....	do .....	200	
722			Hannah McCoombs (Originals in case No. 495, L. C.) .....	do .....	do .....	200	
723			Hart and McGarry (Originals in case No. 495, L. C.) .....	do .....	do .....	200	
724			N. Coombs. (Originals in case No. 495, L. C.) .....	do .....	do .....	200	
725			A. Farley. (Originals in case No. 495, L. C.) .....	do .....	do .....	200	
726			Geo. N. Cornwall. (Originals in case No. 495, L. C.) .....	do .....	do .....	200	
727			John Truebody. (Originals in case No. 495, L. C.) .....	do .....	do .....	200	



220	728	-----	R. S. Kilburn. (Entre.)	do	Nicolas Higuera	153
	1, 2	-----	Conveyances 1 and 2. (Originals in case No. 323, L. C. From Wm. Ruppel to R. S. Kilburn; from John E. Brackett to R. S. Kilburn.)	-----	-----	-----
	729	-----	A. L. Boggs. (Originals in case No. 495, L. C.)	Napa (part of)	Salvador Vallejo	200
	730	-----	J. R. McCoombs. (Originals in case No. 495, L. C.)	do	do	200
	731	-----	Ogden and Wise	do	do	200
	1	-----	Conveyance (A), from F. Ogden <i>et al.</i> to David Page	-----	-----	-----
	2	-----	Conveyance (B), from David Page to David Chambers	-----	-----	-----
	3	-----	Conveyance (C), from David Chambers to F. Ogden and N. H. Wyse. (See originals in No. 495, L. C.)	-----	-----	-----
	4	-----	Conveyance (D), from Nicolas H. Wyse to T. J. Haynes	-----	-----	-----
	5	-----	Conveyance (E), from Salvador Vallejo to David Page	-----	-----	-----
221	732	-----	Julius K. Rose. (Originals in case No. 495, L. C.)	Napa (part of)	Salvador Vallejo	200
	733	-----	William H. Osborn. (Originals in case No. 495, L. C.)	do	do	200
	734	-----	Liman Bartlett. (Originals in case No. 495, L. C.)	do	do	200
	1	-----	Conveyance from S. Vallejo to L. Bartlett	-----	-----	-----
	735	-----	Eben Knight. (Originals in case No. 495, L. C.)	Napa (part of)	Salvador Vallejo	200
	736	-----	James McNeil. (Originals in case No. 495, L. C.)	do	do	200
	1	-----	Conveyance from Steele to McNeil	-----	-----	-----
	737	-----	Archibald A. Ritchie. (See originals in No. 495, L. C.)	Napa (part of)	Salvador Vallejo	200
	1	-----	Conveyance from B. Fry to A. A. Ritchie	-----	-----	-----
	2	-----	Certified copy of title papers	-----	-----	-----
222	738	-----	City of San Luis Obispo. (No original papers presented in this case.)	Pueblo lands	Pueblo of S. L. O	-----
	739	-----	Joseph Hooker	Agua Caliente	Lazaro Piña	229
	1	-----	Conveyance (A) from Hoppner to Dopkin	-----	-----	-----
	2	-----	Conveyance (B) from Earnest Rufus to J. Hooker <i>et al.</i>	-----	-----	-----
	3	-----	Conveyance (C) from W. Beniter and wife to Earnest Rufus	-----	-----	-----
	4	-----	Conveyance (D) from Dopkin to Rufus and Bennetts	-----	-----	-----
	740	-----	B. R. Buckelew	Punta de Quentin	J. B. R. Cooper	208
	1	-----	Contract juridical possession. (J. B. R. Cooper and Robert Allen.)	-----	-----	-----
	2	-----	Conveyance and grant from J. B. R. Cooper to B. R. Buckelew	-----	-----	-----
	3	-----	Conveyance from J. B. R. Cooper to J. L. Folsom for the United States	-----	-----	-----
223	741	-----	Mariano G. Vallejo. (No originals presented in this case.)	Agua Caliente	Lazaro Piña	229
	742	-----	J. W. Redman <i>et al.</i>	Orchard in Santa Clara	Benito Deaz, Juan Castaneda, and L. Arenas.	-----
	1	-----	Receipt. (D No. 2.)	-----	-----	-----
	2	-----	Grant. (B No. 1.)	-----	-----	-----
	3	-----	Exhibit marked (D). (Deed from Sheriff J. W. Johnson to Clayton and Redman.)	-----	-----	-----
	4	-----	Exhibit marked (E). (Deed from J. H. Watson to J. J. W. Redman and C. Clayton.)	-----	-----	-----
	5	-----	Exhibit marked (F). (Deed assignment. Luis Arenas to J. M. Jones.)	-----	-----	-----
	6	-----	Exhibit marked (G). (Deed of conveyance from B. Deier to J. W. Redman.)	-----	-----	-----
	7	-----	Exhibit marked (I). (Deed of conveyance from J. de Castañeda to Redman, Clayton, and Watson.)	-----	-----	-----
	8	-----	Exhibit marked (J). (Deed of conveyance from M. Jones to James F. Reed.)	-----	-----	-----
224	9	-----	Exhibit marked (H). (Power of attorney. J. Castañeda to Benito Diaz.)	-----	-----	-----
	743	-----	John A. Sutter. (No original papers presented.)	Sur. lands in New Helvetia	John A. Sutter	-----
	744	-----	Guadalupe Mining Company. (See case No. 340, L. C.)	Cañada de los Capitancillos (part of)	Justo Larios	294
	745	-----	Henry R. Payson	Cañada de Guadalupe	-----	-----
	1	-----	Map	Vistacion, etc	Jacob P. Leese	245
	746	-----	Moury W Smith. (See case No. 2, L. C.)	Las Pulgas	Luis Arguello	-----



## List of original documents in cases presented to the United States land commission, &amp;c.—Continued.

Number of land claim.			Presenting claimants.	Localities.	Original claimants.	Number of expediente.
224	747	.....	Thomas Russell .....	800 varas Sta. Cruz Co .....	José R. Buelna .....	
		1, 2	Petition and grant .....			
		3, 4, 5	Petition, grant, and approval .....	500 by 600 varas .....	José Arana .....	
		6	Map .....			
225	748	.....	Martin Murphy, sr. ....	Las Animas (part of) .....	M. Castro .....	
		1	Power of attorney from C. Carrillo to P. C. Carrillo. (See case No. 161, L. C.) ..			
226	749	.....	Talbot H. Green .....	Land in Monterey Co .....	T. H. Green .....	
		1, 2	Petition and grant .....			
227	750	.....	William C. Jones <i>et al.</i> (See case No. 2, L. C.) ..	Las Pulgas (part of) .....	Luis Arguello .....	
228	751	.....	Clement Penaud <i>et al.</i> .....	Garden of San Cayetano .....		
		1	Grant .....	1,000 by 200, S. C. Co .....	Juan B. Alverado <i>et al.</i> .....	
		2	Possession .....			
229	752	.....	Clemente Panaud <i>et al.</i> .....	Orchard of S. J. Bautista .....	Olivier Desleisiguez .....	
		1	Grant .....			
		2	Possession .....			
230	753	.....	Adolph Cañil <i>et al.</i> .....	Arias Rancho .....	Francisco Arias .....	
		1	Grant .....			
		2	Conveyance from Fran'a Arias to Adolfo Cañil <i>et al.</i> ..			
231	754	.....	Thomas O. Larkin .....	Orchard of Sta. Clara .....	B. Diaz <i>et al.</i> .....	
		1	Contract .....			
		2	Power of attorney .....			
		3	Conveyance from B. Diaz <i>et al.</i> to Thomas O. Larkin ..			
232	755	.....	James Stokes. (See case No. 565, L. C.) .....	Natividad .....	N. Alvieu and M. Butron .....	
233	756	.....	Charles Brown <i>et al.</i> (No original papers presented in this case.) ..	Land in Napa Co .....	C. Brown <i>et al.</i> .....	
234	757	.....	Nicolas Berreyesa .....	Las Milpitas .....	N. Berreyesa .....	
		1	Permit .....			
235	758	.....	James Stokes .....	Land in Monterey Co .....	José C. Boronda .....	
		1, 2	Petition and grant .....			
		3	Conveyance from J. Canuto Boronda to J. Stokes .....			
236	759	.....	John A. Sutter .....	Town of Sutter .....	John A. Sutter .....	229
	760	.....	T. M. Leavenworth .....	Agua Caliente .....	Lazaro Piña .....	
		1, 2	Approval of grant and transfer .....			
	761	.....	Robert Hopkins .....	Entre Napa (part of) .....	Nicolas Higuera .....	153
		.....	Conveyance from J. E. Brown to R. Hopkins .....			
	762	.....	Oliver Boullo .....	Cabeza de Sta. Rosa (part of) .....	Ma. Yg'a Lopez .....	255
		1	Certified copy of conveyance from Joaquin Carillo <i>et al.</i> to Oliver Boullo ..			
	763	.....	John E. Brown .....	Napa (part of) .....	Salvador Vallejo .....	200
		1	Conveyance from S. Vallejo to John E. Brown .....			
	764	.....	Charles B. Strode. (Discontinued.) .....	San Antonio (part of) .....	Luis Peralta .....	186
	765	.....	do .....	do .....	do .....	186
	766	.....	Victoria D. Estudillo <i>et al.</i> .....	Temdocula .....	José Ant'o Estudillo .....	39
		1	Grant .....			



<b>237</b>	767	.....	Francisco Rico .....	Rancheria del Rio Estanislao in Cal Co.	Fran'co Rico and José Ant'o Costro.	.....
		1	Grant .....			
<b>238</b>	768	.....	José Jesus Berreyesa, claimant for .....	Yucuy .....	J. J. Berreyesa .....	
		1, 2	Petition and grant .....			
	769	.....	Charles Morse <i>et al.</i> .....	La Laguna de las Calabazas .....	Felipe Hernandez .....	118
		1, 2	Grant and conveyance from J. A. Hernandez to Charles Morse <i>et al.</i> .....			
		3	Approval .....			
<b>239</b>	770	770	Martin Murphy .....	Shelton Trac, 300 acres .....	Shelton .....	
	771	.....	Robert Cathcart, administrator. (No original papers in this case.) .....	Sayente .....	Joaquin Buelna .....	90
	772	.....	A. Randall .....	Land in Marin Co .....	Jaime R. Berry .....	322
		1	Grant .....			
	773	.....	L. D. Brown .....	Napa (part of) .....	Salvador Vallejo .....	200
		1	Exhibit marked (A), from Paul S. Gordon to R. S. Randall .....			
		2	Exhibit marked (B), from V. Prndon to Leopold Bassage .....			
		3	Exhibit marked (C), from L. Pavoy to Paul S. Gordon .....			
		4	Exhibit marked (D), from Leopold Bassage to Lorenzo D. Brown .....			
		5	Exhibit marked (E), from Salvador Callejo to Victor Prudon .....			
	774	.....	Paula Sanchez de Valencia. (No original papers in this case.) .....	Buri Buri (part of) .....	José Sanchez .....	20
	775	.....	C. P. Stone. (No originals in this case.) .....	Agua Caliente .....	Lazaro Peña .....	229
<b>240</b>	776	.....	Francis J. White. (No originals in this case.) .....	300 in Sac. Co .....	John A. Sntter .....	
<b>241</b>	777	.....	Widow of Anastacio Chaboya. (No originals in this case.) .....	3 suertes of land in S. José .....	Nazario Saez .....	
	778	.....	Barcelia Bernal, approval. (No more original papers in this case.) .....	Embaraadero de Santa Clara .....	B. Bernal .....	454
<b>242</b>	779	.....	Barceli Bernal. (See case No. 516, L. C.) .....	1 square league in L. C. Co .....	B. Bernal <i>et al.</i> .....	
<b>243</b>	780	.....	José Y. Limantour. (No originals presented.) .....	Lupyomi .....	José Y. Limantour .....	
<b>244</b>	781	.....	do .....	Laguna de Tache .....	do .....	
<b>245</b>	782	.....	José Y. Limantour, grant and transfer. (From A. Chaves to J. Y. Limantour.) .....	Cienega del Gabilan .....	Antonio Chaves .....	
<b>246</b>	783	.....	José Y. Limantour, grant and transfer, certified copy. (No originals presented.) .....	Cahuenga .....	José Y. Limantour .....	
<b>247</b>	784	.....	José Y. Limantour. (No originals presented.) .....	400 varas Ojo de Agua .....	do .....	
<b>248</b>	785	.....	do .....	Arroyo de los Calconcillos .....	José Ma. Castañares .....	
<b>249</b>	786	.....	Victor Prudon. (No originals presented.) .....	Claimant of Bodega .....	V. Prudon .....	
<b>250</b>	787	.....	W. W. Warner. (No originals presented.) .....	Nueva Flandria .....	Juan A. Sutter .....	
<b>251</b>	788	.....	Juste Larios <i>et al.</i> , petition and grant .....	Campode de los Franceses .....	Guillermo Gulnac .....	
<b>252</b>	789	.....	Agustin Juan .....	do .....	do .....	
		1	Exhibit marked (A), from Feodocio Flores to Agustin Juan .....			
		2	Exhibit marked (B), from J. R. Gulnack to Agustin Juan .....			
		3	Exhibit marked (C), from J. Larios to Agustin Jouan .....			
		4	Exhibit marked (D), from Basiliso Bernal to Ag. Jouan .....			
		5	Exhibit marked (E), from J. A. Bernal to Ag. Jouan .....			
		6	Exhibit marked (F), from J. J. Mesa to Ag. Jouan .....			
		7	Exhibit marked (G), from Geronimo Higuera to Ag. Jouan .....			
		8	Exhibit marked (H), from Miguel Narvaez to Ag. Jouan .....			
		9	Exhibit marked (I), from Juana Mesquita to Ag. Jouan .....			
<b>253</b>	790	.....	Widow and children of Simeon Castro .....	Tucho .....	Simeon Castro .....	
		1, 2	Petition and grant .....			
	791	.....	H. G. Langley .....	Napa (part of) .....	Salvador Vallejo .....	200
		1	Conveyance from H. H. Lawrence to H. G. Langley .....			
	792	.....	Cyrus Alexander. (No original papers; see case No. 16, L. C.) .....	Sotoyomi (part of) .....	Henry D. Fitch .....	411
<b>245</b>	793	.....	Sacramento City. (No original papers presented in this case.) .....	City lands .....	No grant .....	
<b>255</b>	794	.....	Salvador Vallejo. (See case No. 507, L. C.) .....	Lupyomi .....	S. and Juan Antonio Vallejo .....	



Number of land claim.			Presenting claimants.	Localities.	Original claimants.	Number of expediente.
256	795	1, 2	Peter Sherreback	800 varas	P. Sherreback	
		3	Petition and grant			
		4	Map			
257	796		Letters			
			Eulogio de Celis	100 varas square in San Diego	Juan Ma. Osuna	
	797		William M. Fuller. (See case No. 233, L. C.)	Soulajule	José Ramon Mesa	365
258	798		Harriet Besse. (See case No. 182, L. C.)	Lassen Rancho (part of)	Peter Lassen	
259	799		Charles E. Hart. (No original papers in this case.)	Los Carneros	Nicolas Higuera	306
260	800		James H. Watmough. (See case No. 250, L. C.)	Petaluma (part of)	M. G. Vallejo	
261	801		Reuben M. Hill. (No originals presented.)	Los Carneros	Nicolas Higuera	
262	802		Sarah Ann Madie. (No originals presented.)	do	do	
263	803		Edward Wilson. (No originals presented.)	do	do	
264	804		John Conn	Locoyollome	John Rainsford	
		1	Map			
		2	Letter			
265	805		José Anto. Aguirre. (Letter of Governor J. B. Alvarado.)	Island of Santa Cruz	Andres Castillero	
		1	Grant			
		2	Communication			
		3	Order to grant island			
266	806		José Santos Berreyesa	200 by 300 varas in So'ma Co	J. S. Berreyesa	
		1	Grant			
267	807		Milton Little. (No originals presented except a deed.)	5 leagues in Monterey Co	Josefa Martinez	
		1	Conveyance from G. W. Bell to Milton Little			
268	808		John Foster <i>et al</i>	Mission of S. G. Capistrano	Foster and McKinley	
		1	Grant			
	809		R. S. Kilburn	Los Putos (part of)	Manuel Baca	465
		1	Conveyance and map, certified copy from Manuel Baca to R. S. Kilburn			
	810		N. Coombs. (See case No. 323, L. C.)	Entre Napa (part of)	Nicolas Higuera	153
	811		William H. Davis	Lot in San Francisco	José Joaquin Estudillo	
		1	Traced copy of record of proceedings			
	812		James A. Shorb. (Deeds No. 1, 2, 3, from Miranda to Valentine; see case No. 45, L. C.)	Arroyo de Sn. Antonio	Juan Miranda	397
270	813		Juan M. Luce	Los Ulpinos	José de la Rosa	



CATALOGUE OF THE ORIGINAL ESPEDIENTES OR RECORDS IN RELATION TO LAND CLAIMS IN UPPER CALIFORNIA UNDER THE SPANISH AND MEXICAN GOVERNMENTS, WITH REFERENCES TO REGISTRIES OF THE SAME, ARRANGED IN ALPHABETICAL ORDER, NOW ON FILE IN THE SPANISH ARCHIVES OF THE OFFICE OF THE UNITED STATES SURVEYOR-GENERAL FOR CALIFORNIA.

1.—List of 580 complete *espedientes* or records of land claims presented to and acted upon by the former governments.

Date.	Claimant.	Locality.	No. of espediente.
May 24, 1833	Armenta, José Ma	Punta de Pinos	37
June 4, 1833	Arceo, J. Ma	Los Pilarcitos	42
Nov. 25, 1833	Argüello, Santo E	Milijo	60
June 12, 1834	Alvires, Juan	La Laguna	102
July 7, 1834	Ayala, Crisogono	Sta. Anita	55
Sept. 10, 18 4	Alvarado, J. B'ta	Sud.	34
July 3, 1835	do	Cajon de Sta. Ana	62
July 8, 1835	Ansar, Juan	Las Aromitas	82
Aug. 17, 1835	Amador, José Ma	San Ramon	80
Sept. 25, 1835	Arellanes, Teodoro	Rincon	152
Oct. 3, 1835	Albisu, José Anto	Cañada de Raimundo	74
Dec. 5, 1835	Aguila, Felipe	Rincon Pta. del Monte	161
Oct. 6, 1836	Avila, Ant. Igno	Sta. Helena	87
Apr. 8, 1837	Arellanes, Teodoro	Guadalupe	138
Apr. 14, 1837	Ayala, Crisogono	Sta. Ana	163
Apr. 19, 1837	Avila, Ignacio	Sausal Redondo	337
Feb. 10, 1838	Albisu, Ignacio	Rincon de los Esteros	114
Apr. 8, 1839	Ansar, Juan	Sta. Ana y Quien Sabe	127
Sept. 7, 1839	Aguilar, Rosario	Paguay	173
Mar. 3, 1840	Armijo, J. Fr'co	Tololato	194
Apr. 20, 1840	Alvarado, J. M	San Marcos	205
June 13, 1840	Andrade, J. Ma	Cañada de S. Miguel	93
Jan. 21, 1841	Amesti, José	Corralitos	219
Aug. 9, 1841	Argüello, Sant		
Aug. 9, 1841	Argüella, Ramon, and Arguello, Sant E	Frabuco	247
Nov. 8, 1841	Arenas, Luis	San José	141
May 10, 1842	Avila, Miguel	San Miguelito	130
June 21, 1842	Avila, Juan	Niguil	
June 21, 1842	Avila, Concepcion	do	285
Jan. 27, 1843	{ Armijo, J. Felipe and al.	Las Putas	465
Aug. 30, 1843			
Feb. 24, 1843	Alanes, Maximo	San Juan Buenosaires	519
Mar. 17, 1843	Arellanes, José	Temascal	520
May 9, 1843	Alcalde, Joaquin	No name	526
May 18, 1843	Alvarado, J. B'ta	Rincon del Diablo	536
Nov. 24, 1843	Aguirre, Antonio	Tejon	327
Nov. 30, 1843	Alvarado, Nepomuceno	Corte de Madera	429
Jan. 17, 1844	Arias, Francisco	Real de las Aguas	369
Feb. 29, 1844	Alvarado, J. B'ta	Mariposas	352
Feb. 29, 1844	Alvisu, F'co, and al.	Cañada de los Vaqueros	431
Mar. 6, 1844	Agricio, José	Los Laureles	356
Mar. 23, 1844	Alvisu, Agustin	Los Cerritos	358
Apr. 1, 1844	Amesti, José	Los Corralitos	367
May 12, 1844	Arco, Francisco	Sta. Isabel	376
Aug. 3, 1844	Aguilar, J. M	Cañada de los Nogales	380
Oct. 4, 1844	Abrego, J. M	Punta de Pinos	402
Nov. 9, 1844	Alvitre, J. Ant	No name	388
Nov. 9, 1844	Aguilar, Blas	Paoba	393
Nov. 9, 1844	Aguilar, J. A	do	393
Dec. 26, 1844	Arellanes, Luis et al.	Punta de la Laguna	410
Apr. 8, 1845	Antonio, Manuel	Votrero Grande	439
May 7, 1845	Apis, Pablo	Temécula	448
July 19, 1845	Andres et al.	Guoyome	459
Jan. 27, 1845	{ Armijo, J. Felipe et al	Las Ventas	465
Aug. 30, 1845			
Sept. 26, 1845	Argüello, Guadalupe	Valle de las Palmas	471
Nov. 7, 1845	Apis, Pablo and J	La Hoya	477
Feb. 4, 1846	Arenas, Luis	Pauba	545
Mar. 17, 1846	Avila, Miguel	San Miguelito	503
Mar. 28, 1846	Arellanes, Mo	No game	505
May 6, 1846	Arenas, Luis	Animas y Palas	551
May 6, 1846	Andrade, José	600 varas	552
May 9, 1846	Aguirre, Maria del Rosaris	San Jacinto nuevo y viejo	512
May 22, 1846	Arce, Sant. y Dom	Dolores y Berrenda	557
June 3, 1846	Arce, Francisco	House	566
June 6, 1846	Avila, Antonio Ignacio	Centinela	567
	Amesquita, Antonio	Cienega del Gavilan	99
	Alvarado, Joaquin	Cañada Larga	304
	Alviso, José Antonio	Claim of cattle	334
	Aguila, Felipe		161



2.—List of 315 incomplete expedientes or records of land claims presented to and acted upon or left unfinished by the former governments.

Date.	Claimant.	Locality.	No. of es- pediente.
1834	Amador, J. Ma .....	Addition to San Ramon .....	25
1835	Arguillo, Luis .....	Solar in Monterey .....	312
1837	Alvarado, Nepomnceno .....	Paso de Bartolo .....	70
1838	do .....	San Bernardino .....	50
1839	Alcantara, Norberto .....	Some cattle .....	43
1839	Albetre, Juan .....	Paso de Bartolo .....	63
1840	Alanis, José Maximo .....	San José Buenos Ayres .....	87
1840	Arpa, José .....	Vosa del Cajon .....	88
1840	Arce, Eugenio .....	200 varas .....	93
1840	Aniceto & Silvestre .....	San Lorenzo .....	97
1841	Agnilar, Blas .....	Et al., San Juan Capistrano .....	111
1841	Alipin, José .....		
1841	Aguilar, José .....		
1841	Aguilar, Rosario .....		
1841	Alvarado, F'co Maria .....	Paguay .....	112
1841	Arguello, Santo .....	A report .....	131
1841	Allen, George .....	Cinco Leguas cuadradas .....	135
1841	Antonio, Manuel .....	Mision vieja .....	140
1842	Arce, Francisco .....	La Estrella .....	152
1843	Arce, Sant. D .....	Cañada de la Berrenda .....	166
1843	Avila, José y E. Bejar .....	Desechos de San Mateo .....	182
1845	Alvarado, José Miguel .....	Tuleyomi .....	212
1845	Avila, Juan and E. Bejar .....	Corte de Madera .....	230
1845	Alviso, Agustin .....	Ampliacion a los Cerritos .....	231
1845	Alviso, José Ma. y J. A. Sanchez .....	San Mateo .....	233
1845	Aguila, Lugardo .....	2,000 varas .....	237
1845	Andres .....	See expediente .....	243
1845	Arenas, Luis .....	San Francisco .....	246
1845	Alvarado, F. M. & J. R. Arguello .....	Pala .....	252
1845	Arenas, Luis .....	2,600 varas by 1,000 varas .....	258
1845	Alvarado, Juan Bautista .....	100 varas .....	262
1845	Aguilar, Cristobal .....	See expediente .....	267
1846	Aguila, Miguel .....	Overplus of St. Miguelito .....	268
1846	Alvarado, José, Nep. & Maro .....	Rosa de Castilla .....	272
1846	Aldrada, N. & J. de J. Osio .....	Vineyard of St. Vicente .....	275
1846	Avila, Anto Ignacio .....	See expediente .....	276
	Alvarado, Mariano .....	do .....	280
	Arce, José Ignacio .....	Mision de Sto. Domingo .....	281

3.—Documents relative to land claims deposited in the Spanish archives under the United States Government.

Date of de- posit.	Claimant.	Locality.	No. of es- pediente.
Jan. 31, 1878	Alvarado, Juan B. .... Apis, Pablo and José .....	Map of Las Mariposas .....	23
		La Jolla .....	Marked K.

4.—Registry in book No. 1 of sitios fierros y señales localities, iron brands and ear marks.

Date.	Claimant.	Locality.	Page.
1822	Avila, Anto. Ignacio .....	Sausal Redondo .....	74
1823	Amesti, José de .....	Corralitos .....	36
1829	Arguello, Sant. ....	Fia Juan .....	54



## CATALOGUE, &amp;c.—Continued.

5.—*Record of grants book No. 2, Toma de Razon.*

Date.	Claimant.	Locality.	Page.
1833	Armenta, J. Ma .....	Punta Pinos .....	4
1833	Arceo, J. Ma .....	Los Pilarcitos .....	7
1833	Arguello, Sant. E .....	Milijo .....	15
1834	Alvires, Juan .....	La Laguna Seca .....	39
1834	Arenas, Luis .....	Valle de Sn. Felipe .....	37
1834	Alvarado, J. Bta .....	Sur .....	52
1834	Amador, J. M .....	San Ramon .....	46
1835	Anzar, Juan .....	Las Aromitas y agua caliente .....	77
1835	Amador, J. M .....	San Ramon .....	66
1835	Areyano, Teodoro .....	Rincon .....	70
1835	Alvisa, J. M .....	Milpitas .....	75
1835	Arguello, Herederos de L .....	Las Pulgas .....	88

6.—*Unbound book, Toma de Razon.*

	Claimant.	Locality.	
	Amesti, José .....	Aumento á Corratitos .....	

7.—*Registry of grants, Toma de Razon.*

Date.	Claimant.	Locality.	Page.
1844	Alvarado, Juan B .....	Las Mariposas .....	5
1844	Alvires, Francisco, <i>et al</i> .....	Cañada de los .....	5
1844	Agricio .....	2,000 varas .....	6
1844	Amesti, José .....	4 sitios .....	7
1844	Arce, Francisco .....	Sta. Isabel .....	7
1845	Antonio, Manuel .....	Un sitio & .....	12
1845	Apis, Pablo .....	Temécula .....	14
1845	Andres y José Manuel .....	Guajome. ....	15
1845	Armijo, J. F. y J. M. Vaca .....	Los Putos .....	16
1845	Apis, Pablo y José .....	La Jolla .....	17
	Arguello, Luis, by Estrada José, in behalf of the heirs of José Ramon and Luis Ar- guello.	Book of grants .....	No. 86

8.—*Documents relative to sales and cases of missions.*

Date.	Claimant.	Locality.	Page.
Dec. 5, —	Arnas, J. de y N. Botello .....	San Buenaventura .....	5
Dec. 10, —	Arnas, J. y N. Botello .....	do .....	10
Dec. 9, —	Arnas, J. & N. Botello .....	do .....	10
June 8, 1846	Arguello, Santiago .....	San Diego .....	7
June 8, 1846	Arnas, J .....	San Buenaventura .....	8
June—, 1846	do .....	do .....	14
	Several papers (see cover containing them for a description of contents).	.....	23



CATALOGUE, &c.—Continued.

9.—Espedientes.

- Bundle A :  
Arenas, Luis. 1836. House and lot in Los Angeles ..... 1  
Aguila, José Ma., 1841. Some cattle of la Soledad ..... 2
- Bundle B.—Drafts of decrees relative to grants:  
Arce, Francisco. Prorogation for occupancy of Sta. Isabel, 1845. Book of decrees, No. 1.  
Amador, Soreto. One Suerte in San Juan Capistrano, 1846. Book No. 3.  
Apis, Pablo. Tract of land in Temécula, 1845. Sheet No. 10.  
See also books of decrees relating to grants in the time of Governor Alvarado, and which books are contained within box say No. 16.
- Bundle C.—Second class—blotters or drafts of titles and approvals of assembly, letters and loose papers:  
Arellanes, Maria, 300 by 300 varas, 1846, No. 1.  
Antonio, Suerte en el Fucho, 1840, No. 17.  
Amesquita. Concepcion, Suerte en la vega del Rio, 1846, No. 19.  
Arroyo, Joaquina, Suerte en la vega del Rio, 1846, No. 19.  
Arceo, Gregoria, Suerte en la vega del Rio, 1846, No. 19.  
Alvires, Juan, La Laguna, No. 25.  
Ayala, Crisogono, and P. Banegas Sta. Anita, No. 25.  
Alvarado, J. Bta., Sur., No. 25.  
Five families from New Mexico, one surete to each and La Laguna to all conjointly, No. 18.  
A blank form of permission given by government to parties, foreigners, who applied for permission to establish machines for washing gold in the placers, seemingly in 1845 or 1846.
- Bundle D.—Letters and loose papers:  
Several letters and loose papers relating to grants, for the details of which see special index.
- Bundle E :  
Loose maps relating to grants, papers relative to mission; several loose maps relating to grants, for the details of which see special index.
- Papers relative to missions:  
Several papers relating to the sales and leases of the missions in 1845 and 1846, to be found classed under No. 23, in the respective index.  
See box No. 26.

1.—List of 580 complete espedientes continued.

Date.	Claimant.	Locality.	No. of espediente.
Nov. 23, 1833	Bolcoff, J. Anto .....	San Agustin .....	174
Dec. 14, 1833	Bandini, Juan .....	Tecate .....	44
Dec. 17, 1833	Berreyesa, José .....	Chavoyas .....	119
July 18, 1834	Buelna, Joaquin .....	Sayante .....	90
July 22, 1834	Bernal, Joaquin .....	Santa Teresa .....	102
Jan. 2, 1835	Bernal J. Corn .....	Salinas y Visitacion .....	2
Jan. 29, 1835	Botiller, J. Anto .....	El Pescadero .....	56
Feb. 29, 1836	Barreto, Fabian .....	do .....	151
Mar. 17, —	Berry, Jamie Ricardo .....	Tamales y Baulenes .....	73
Apr. 7, 1837	Branch, Francisco .....	Santa Manuela .....	117
Apr. 14, 1837	Banegas, Cosme .....	Santa Ana .....	163
May 25, 1837	Barcenas, Gnadalupe .....	San Pedro .....	40
Sept. 19, 1837	Boronda, J. Manuel .....	Laureles .....	175
Oct. 12, 1837	Buelna, Hilaria .....	Jarro .....	116
Apr. 10, 1839	{ Bernal, Agustin .....	El Valle .....	126
	{ Bernal, Juan .....		
	{ Bernal, Ma. Dolores .....		
Apr. 16, 1839	Buelna, Antonio .....	No name .....	197
Apr. 16, 1839	Bernal, José Comelio .....	Rincon de la Bayona .....	202
Apr. 28, 1839	Bandini, Juan .....	Vega del Rio .....	203
May 1, 1839	Buelna, Antonio .....	San Francisquito .....	259
Aug. 17, 1839	Boon, Tomas .....	San Felipe y las Animas .....	168
Oct. 10, 1839	Bernal, Cornelio .....	Salinas .....	177
Feb. 1, 1840	Boronda, José Eusebio .....	Rinconada del Sanjon .....	191
Mar. 14, 1841	Bale, Eduardo A .....	Carme humana .....	225
July 31, 1841	Bernal, Juan .....	Laguna de los Palos Colorados .....	249
Nov. 24, 1842	Bonilla, Mariano .....	No name .....	263
Aug. 20, 1842	Berreyesa, José Reyes .....	Cañada de los Capitancillos .....	293
Nov. 8, 1842	Boronda, Ma. Concepcion .....	Potrero de Sn. Luis .....	303
Apr. 29, 1843	Blanco, Miguel .....	Muscapiavit. ....	525
Oct. 14, 1843	Berreyesa, José S .....	Mayacomes .....	305
Nov. 3, 1843	Berreyesa, José y Sixto .....	Las Putas .....	433
Aug. 2, 1844	Bibiana .....	400 varas .....	378
Aug. 27, 1844	Blanco, Tomas .....	400 by 600 varas .....	381
Sept. 30, 1844	Bonilla, Mariano .....	No name .....	406
Nov. 9, 1844	Balenzuela, Antonio .....	do .....	388
Nov. —, 1844	Bidwell, Juan .....	Ulpino .....	387
Dec. 24, 1844	Belden, Josias .....	Barranca Colorada .....	415
Mar. 27, 1845	Blanco, Miguel .....	400 varas .....	435
Apr. 9, 1845	Blas .....	Cañada del Diablo .....	196
Apr. 18, 1845	Bojar, Emigdio .....	Boca de San Juan .....	445
Apr. 25, 1845	Barie, Carlos .....	No name .....	447
June 18, 1845	Bernal, Basilia .....	do .....	454
Oct. 2, 1845	Bidwell, Juan .....	Colus .....	473
Nov. 25, 1845	Boyorques, Bartolome .....	Laguna de San Antonio .....	483
Nov. 28, 1845	Burnett, Narciso .....	140 varas lot .....	485
Dec. 4, —	Bandini, Juan .....	No name .....	489



## CATALOGUE, &amp;c.—Continued.

## 1.—List of 580 complete expedientes continued.

Date.	Claimant.	Locality	Number of expediente.
Feb. 5, 1846	Black, Santiago .....	Ionire .....	501
Mar. 28, 1846	Bonilla, M. J .....	Huerhuero .....	506
Apr. 21, 1846	Bereyesa, Francisco .....	Musulacon .....	510
May 2, 1846	Berreyesa, J. Ignacio .....	Chimite .....	549
May 3, 1846	Berreyesa, F'co .....	Cañada de Capay .....	511
May 22, 1846	Bona, Tomas .....	Valle de la Trinidad .....	556
May 27, 1846	Botiller, Vicente .....	Alamos y Agua Cal'te .....	560
June 16, 1846	Bonet, J. B. ....	Milcuatay .....	574
	Bolcoff, José .....	Refugio .....	131
	Briones, J. Joaquin .....	No name .....	333

## 2.—Incomplete expedientes continued.

Date.	Claimant.	Locality.	Number of expediente.
1839	Basualdo, Francisco .....	A square of 4,000 varas .....	44
1839	Bermudes, José, Blanco, Miguel, <i>et al.</i> ..	San Bernardino .....	50
1840	Bowman, Joaquin .....	See expediente .....	80
1840	Bon, Thomas and J. Noriega .....	do .....	102
1841	Briones, Gregorio .....	do .....	157
1842	Bonilla, J. M. ....	A "suerte" in San Luis Obispo .....	172
1842	Bermudes, Dom., <i>et al.</i> .....	See expediente .....	311
1844	Buelna, Felix .....	Los Calzoncillos .....	200
1845	Boronda, Mo. Concepcion .....	Addition to P. de San Luis .....	215
1845	Burnett, Narciso .....	2,000 by 1,000 varas .....	235
1845	Bermudes, J. Ma .....	3 "suertes" inmediatas a la H'ta de cuali .....	236
1845	Bandini, Juan .....	Island of Sta. Catalina .....	245
1845	Bohorquer, Juan .....	2 sitios .....	260
1846	Bell, Alejandro, <i>et al.</i> .....	See expediente .....	286
1846	Bejar, Francisco .....	1,500 by 400 varas .....	289

## 3.—Land claims deposited continued.

Baca 6 Vaca, Marcos and V. Prudon...	Laguna de Santos Calli, dep. Feb. 7, 1852 .....	.....
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## 4.—Registry on book No. 1, of sitios Fierros y Señales, continued.

Prior to 1833	} Berdugo, José Maria .....	San Rafael .....	{ 1784 *1797
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## 5.—Record of grant No. 2, Toma de Razon, continued.

1833	Bolcoff, José Antonio .....	San Agustin .....	14
1833	Bandini, Juan .....	Cañada de Tecate .....	22
1834	Buelna, Joaquin .....	Sayantas .....	38
	Bernal, Joaquin .....	Santa Teresa .....	36
1836	Barreto, Fabian .....	El Pescadero .....	97
1836	Berry, Jaime R. ....	Terreno en la p'to del N. de S. F'co .....	99
1836	Baldomero .....	Terrenos en el corral de Padilla .....	98



CATALOGUE, &c.—Continued.

7.—Registry of grants continued.

Date.	Claimant.	Locality.	Number of expediente.
1844	Bibiana .....	400 varas .....	8
	Blanco, Tomas .....	400 by 600 varas .....	8
1844	Belden, Josias .....	Barranca Colorada .....	9
1845	Blanco, Miguel Maria .....	500 varas cuadradas .....	12
1845	Blas .....	400 varas .....	12
1845	Bejar ó Vejar, Emigdio .....	Boca de Sn. Juan .....	13
1845	Baric, Carlos .....	400 varas cuadradas ojo de la Brea .....	14
1845	Bernal, Basilia .....	1,000 varas en el embarcadero de Sta. Clara .....	15
1845	Bodwell, Juan .....	Colus .....	17
1845	Bayorquez, Bartolomé .....	Laguna de Sn. Antonio .....	18
1845	Burnett, Narciso .....	Un Solar de 140 varas .....	18
1845	Bandini, Juan .....	Cineo sitios en la Mn. de Guad .....	19
1845	Baca ó Vaca, J. M. y J. F. Armijo .....	Los Putos .....	16

8.—Sales and leases of missions continued.

Date.	Claimant.	Locality.	No. of expediente.
	Botello, N. y J. de Arnas .....	San Buenaventura .....	5
Dec. 5	.....do .....	.....do .....	10
Dec. 9	.....do .....	.....do .....	10
	Several papers; see cover containing them for a description of them .....		23

9.—Espedientes continued.

- Bundle A, continued :  
Berdugo ó Ferdugo, José Ma., 1796, Arroyo Hondo Las Flores, No. 3. Drafts of decrees relative to grants.
- Bundle B, continued :  
Bernal, Basilia, 1,000 varas en el Embo., 1845, book of decrees, No. 1.  
Blas, 4,000 varas en Sn. Buenava., 1845, sheet No. 6.  
Bonilla, Mariano. A grant mentioned, 1845, folio No. 13.  
See also some books of decrees relating to some grants in the time of Alvarado, which books are contained within box No. 16.
- Bundle C, continued.—Blotters or drafts of files and approvals of the Assembly :  
Botiller, Vicente, *et al.* Los Alamos y Agua Caliente, 1846, No. 4.  
Berreyesa, Sant. Nem. y Fco., Cañada de Capay, 1846, No. 8.  
Branchi, Francisco, Sta. Manuela, 1842, No. 10.  
Buelna, Juan, Suerte en el Fucho, 1840, No. 17.  
Buelna, Ramon, Suerto en el Fucho, 1840, No. 17.  
Botiller, José Anto., Pescadero, No. 25.  
Banegas, P. & C. Ayala, Sta. Anita, No. 25.  
Botiller, Vte, *et al.* Los Alamos, 1846, No. 23.  
Five families from New Mexico, one suerte to caeh, and La Laguna conjointly, No. 18.  
A blank form in 45 or 46, No. 20.
- Bundle D, continued.—Letters and other papers continued :  
Berdngo, J. M., Rancho de. 1829. No. 36.  
Briones, Gregoria R. de., Baulenes. 1846. No. 17.  
Belden, Josiah, R. de Barranca Colorada. 1845 No. 18.  
And several others, for the details of which see special index.
- Bundle E, continued.—Loose maps relative to grants continued :  
Several loose maps relating to grants, see special index.
- Papers relative to missions :  
To be found classed under No. 23 in the respective index.



## CATALOGUE, &amp;c.—Continued.

## 1.—List of 580 complete expedientes continued.

Date.	Claimant.	Locality.	Number of expediente.
June 10, 1833	Castro, Mariano	San Ramon	50
Nov. 16, 1833	Castro, Rafael	Aptos	79
Nov. 23, 1833	Castro, Martina	Shoquel	31
Nov. 25, 1833	Chavoya, Antonio	Yerbabuena	92
Nov. 26, 1833	Castro, Joaquin	San Andres	133
Nov. 29, 1833	Carrillo, C. Ant	Secspé	100
Dec. 31, 1833	Cooper, J. B.	Rio del Sacramento	22
Jan. 29, 1834	Castro, Mariano	Solis	26
Feb. 3, 1834	Castro, Carlos	San Francisco de las Llagas	19
June 12, 1834	Castro, Joaquin J	San Pablo	18
July 12, 1834	Castro, Simeon	No name	32
July 26, 1834	Carrillo, José	Las Pozas	11
Aug. 1, 1834	Cota, Magdalena	Ntra. Sra. del Refugio	9
Oct. 1, 1834	Carrillo, Domingo	Las Virgines	54
Feb. 24, 1836	Cooper, J. Bta.	4 sitios	264
July 12, 1836	Cordero, Miguel	Las Cruces	68
April 6, 1837	Carrillo, Ramona	Suey	144
April 7, 1837	Carlón, Manuela	Santa Manuela	117
April 15, 1837	Carrillo, Joaquin	Lompoc	171
April 15, 1837	Carrillo, José Ant	do	171
May 10, 1837	Carrillo, Anastacio	Pta. de la Concepcion	58
May 11, 1837	Cordero, Miguel	Las Cruces	137
May 16, 1837	Carrillo, C. Anto	Sta. Paula	123
Apr. 4, 1839	Cantua, Vicente	Rancho Nacional	166
Apr. 8, 1839	Castro, Ma. Canda	} Refugio	131
Apr. 8, 1839	Castro, Ma. Jacinta		
Apr. 8, 1839	Castro, Ma. de los Angeles	} Refugio	131
Apr. 15, 1839	Carrillo, Ma. del E. S.		
May 22, 1839	Castillero, Andres	Lomas del Esp. Santo	135
July 30, 1839	Cota, Francisco	Isla de Sta. Cruz	187
Feb. 10, 1840	Cañedo, José Ma	Sta. Rosa	160
Feb. 11, 1840	Cané, Vicente	San Dieguito	96
June 3, 1840	Cañedo, J. M.	Arroyo de San Luisito	192
Aug. 4, 1840	Coppinger, Juan	No name	517
Sept. 24, 1840	Cooper, Juan	Cañada de Raimundo	220
Feb. 23, 1841	Castro, Guillermo	San Anselmo	201
Aug. 6, 1841	Cantua, Guadal'e	San Lorenzo	223
Nov. 1, 1841	Carrillo, José Ant	San Luisito	250
Nov. 1, 1841	Carrillo, Carlos	Island of Sta. Rosa	313
Apr. 25, 1842	Carton, Ceferino	do	313
May 27, 1842	Castro, Simeon	Arroyo Grande	273
July 1, 1842	Cruz, Faustino	Punta de Año Nuevo	298
Aug. 16, 1842	Castro, J. Anto	Sieria Redonda	287
Oct. 5, 1842	Castro, Angel	As per sketch	291
May 12, 1842	Coronel, Ignacio	Cienega Pacines	296
Oct. 3, 1842	Carrillo, Pedro	Los Verdugos	528
Oct. 3, 1842	do	Alamos y Agua Caliente	307
Oct. 4, 1843	Carrasco, José Ma	Camulos	314
Oct. 25, 1843	Castro, Guillermo	No name	374
Nov. 22, 1843	Covarrubias, J. M.	San Lorenzo	309
Jan. 17, 1844	Carriago, Saturnino	Castec	326
Jan. 24, 1844	Chaboya, Anastasio	Real de las Aguilas	369
Feb. 2, 1844	Cooper, Juan, et al	Las Calaveras	329
Feb. 12, 1844	Cacho, Rafael	Nicasio	420
Feb. 28, 1844	Cole, Tomas	Cañada de San Geronimo	343
Mar. 29, 1844	Carrillo, Joaquin	400 varas	351
May 17, 1844	Cordero, Pedro	Sta. Rosa	362
July 7, 1844	Castañeda, Juan	Cañada de sal sipuedes	372
Sept. 26, 1844	Castro Simeon	Cotate	432
		Moro Cojo, la nueva y Cañada de Sn. Miguel.	164
Nov. 9, 1844	Chiles, José B.	Catucula	400
Nov. 15, 1844	do	Molino	399
Dec. 24, 1844	Chard, Guillermo	Las Flores	418
Apr. 17, 1845	Caballero, Ma. Anta	Sisguoc	442
May 19, 1845	Cristobal, et al	Ulistac	450
July 18, 1845	Chaves, Anto	El Pleito	457
Sept. 1, 1845	Carrillo, Raimundo	Najogüy	395
Oct. 10, 1845	Carrillo, Anastasio	Cieneguitas	475
Nov. 20, 1845	Carrillo, José Ant	} Mission pieja de la Purisima	481
Nov. 20, 1845	Carrillo Joaquin		
May 15, 1846	Carrillo, Pedro C	Isla de San Diego	554
May 30, 1846	Castillo, Felipe	Valle de San Felipe	562
	Cezeña, Ramon		
	Cezeña, Ma. Ro		



## CATALOGUE, &amp;c.—Continued.

## 1.—List of 580 complete expedientes continued.

Date.	Claimant.	Locality.	No. of expediente.
June 1, 1846	Cezeña, Susana.....	La Grulla.....	564
	Cezeña, Emilia.....		
	Cezeña, Irenia.....		
	Cezeña, Loreto.....		
	Cezeña, Germana.....		
July 9, 1846	Colima, Tomas S.....	Losnietos.....	576
	Cota, Josefa.....	Santa Gertrudis.....	335
	Castro, Angel Ma.....	Pagines.....	106
	Coronel, Ant. F.....	Sierra de Verdugos.....	572
	Coronel, Ignacio.....	Cucamonga.....	573

## 2.—List of 315 incomplete expedientes continued.

Date.	Claimant.	Locality.	No. of expediente.
1833	Castro, Mariano, Castro, Ignacio, & J. Ortego.	Cañada de la Brea.....	5
1833	Cota, Guillermo.....	Los Cerritos.....	10, 12
1833	Castro, Joaquin.....	Paraje de San Andres.....	23
1834	Carrillo, J. A., y Abel Herns.....	See expediente.....	24
1834	Cantara, Norberto.....	Sitio de San Benito.....	26
1836	Castro, Guillermo, for himself and Carlos.....	San Leandro.....	33
1837	Castro, Simeon.....	Sta. Rosa.....	32
1839	Cota, Manuel, <i>et al</i> .....	San Bernardino.....	50
1839	Carrillo, Carlos Anto.....	Secspé.....	55
1839	Cota, Valentin y Mannel.....	Parage de San Marcos.....	57
1839	Carrillo, Juan Bautista.....	Llajome.....	58
1839	Carrillo, Anastasia.....	Mission Vieja.....	68
1840	Castro, Guillermo.....	See expediente.....	76
1840	Castro, José Victor.....	Isla de la Yegua.....	89
1840	Cruz, Faustino.....	La tierra Redonda.....	101
1841	Cordero, Pedro.....	La Laguna.....	118
1841	Castro, Miguel, y S. S. Escamilla.....	Sta. Ana y Santa Anita.....	119
1841	Carrillo de Thompson y Franca.....	Suey.....	133
1842	Cota, Manuel, <i>et al</i> .....	See expediente.....	311
1843	Cornelio Pascual, Marcelo y Gabriel Maria.....	do.....	164
1844	Cota, Leonardo.....	do.....	221
1845	Cordero, Juan.....	Huerta de San Mateo.....	213
1845	Cañedo, José, y J. A. Lipar.....	See expediente.....	220
1845	Charron y Charron, J. Dolores.....	40 by 30 varas.....	250
1845	Castillero, Andres.....	Sta. Rosa or Sta. Cruz Island.....	254
1845	Cota, Leonardo, and Hil. Valera.....	Las Palomas.....	216
1846	Cretaine, Julio.....	See expediente.....	269
1846	Celis, Eulogio de, <i>et al</i> .....	do.....	286
1846	Castro, Guadalupe.....	Los Alisos.....	297

## 3.—Documents relative to land claims continued.

Date of deposit.	Claimant.	Locality.	
Aug. 13, 1860	Casio, J. Ma., and Cruz, J.....	Cañada de los Pinacates.....	
Jan. 22, 1872	Cordero, Miguel.....	Las Cruces.....	
	do.....	do.....	
	TITLE AND J. POSSESSION.		
June 20, 1850	Castro, José.....	San Justo.....	
May 8, 1852	Chamberlain, Jnan.....	Sacayac.....	
Nov. 29, 1875	Castro Gabriel, Solar.....	Yerba Buena.....	
June 8, 1849	Castro, José.....	11 sitios.....	
July 10, 1850	Cambuston, Henrique.....	do.....	



## CATALOGUE, &amp;c.—Continued.

## 5.—Record of grants, book No. 2, Toma de Razon continued.

Date.	Claimant.	Locality.	No. of es- pediente.
1833	Castro, Mariaño D. Pacheco .....	San Ramon .....	9
1833	Castro, Rafael .....	Aptos .....	12
1833	Castro, Martina .....	Soquel .....	13
1833	Castro, Joaquin .....	San Andres .....	17
1833	Carrillo, Carlos Anto .....	Secspé .....	18
1833	Cooper, Juan Bta. R. ....	Ojotska .....	23
1834	Cota, Josefa .....	Sta. Gertrudis .....	30
1834	Castro, Carlos .....	S. Fco. de las Llagas .....	27
1834	Castro, Fco. Ma. Herederos de .....	Cuchiyunes (a) San Pablo .....	31
1834	Castro, J. Tibureio .....	El Sausal .....	47
1834	Carrillo, José .....	Las Posas .....	41
1834	Cota de Ortega, Magda. & A. M. Ortega .....	Nora Sra. del Refugio .....	44
1834	Carrillo, Domo. y N. Dorros .....	Las Virgenes .....	53
1835	Castro, Fco. Ma .....	San Pablo y ampliacion .....	67
1835	Cosio, J. Ma. y J. Cruz .....	Cañada de los Pinacates .....	87
1836	Cooper, J. B. R. ....	Terreno que indica el diseño .....	95
1836	Cervantes, Cruz .....	San Joaquin .....	103
1836	Castillo Negrete, L. del .....	Santa Ana .....	100
1836	Castillo Negrete, Fco. del .....	Quien Sabe .....	107
1836	Castro, José .....	1,000 or 2,000 varas .....	109
1836	Castro, Simeon .....	Bolsa nueva .....	110
1836	Casarin, Jimeno Manuel .....	Salsipuedes .....	57

## 7.—Registry of grants, Toma de Razon continued.

1844	Chaboya, Anastasio .....	8 silios & .....	4
1844	Cooper, J., y P. de la Guerra .....	Nicasio .....	10
1844	Cacho, Rafael .....	San Geronimo .....	4
1844	Cool, Tomas .....	400 varas .....	5
1844	Carrillo, Joaquin .....	Sta. Rosa .....	7
1844	Chard, Guillermo .....	Las Flores .....	9
1845	Castro, José y Francisco .....	El Sausal .....	15
1845	Cristobal, Marcelo y Pio .....	Ulistac .....	14
1845	Chaves, Antonio .....	El Pleito .....	15
1845	Carrillo, Raimundo .....	Nojoguy .....	16
1845	Carrillo, Anastacio .....	1 suerte en la Cieneguita .....	17
1845	Carrillo, José Antonio .....	Mision va. de la Purisima, 1 silio .....	17
1845	Carrillo, Joaq., y J. M. Covarrubias .....	San Carlos de Jonata .....	16
1845	Carrillo de Fitch, y M. A. y G. E. de Arguello .....	Valle de las Palmas y Cañada .....	17
1845	Cota, Francisco .....	2 silios en ampn. de Sta. Rosa .....	17

## 8.—Documents relative to sales of cases of missions continued.

Date of de- posit.	Claimant.	Locality.	No. of es- pediente.
Dec. 9, —	Carrillo, Joaquin .....	Ganado de la Pa .....	2
Dec. 10, —	{ Covarrubias, J. M., y J. Carrillo .....	Santa Ines .....	10
	{ do .....		
	{ Carrillo, J., y J. Ma. Covarrubias .....		
June —, 1846	Celes, F. de .....	San Fernando .....	3
July 24, 1846	Cot, A. J., & J. A. Pico .....	San Luis Rey .....	11
Feb. 13, 1846	Covarrubias, J. M., & Joaq. Carrillo .....	Santa Ines .....	11
Feb. 13, 1846	Carrillo, Joaq., & J. M. Covarrubias .....	do .....	14
	Carrillo, J .....	do .....	23
	Several papers; see cover containing them .....		



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CATALOGUE, &c.—Continued.

9.—Espedientes continued.

Date.	Claimant.	Locality.	No. of es- pediente.
1838	Bundle A: Castro, Simeon .....	Piedras Blancas .....	No. 4
1846	Bundle B—Continued: Castillo, Felipe .....	San Felipe .....	No. 3
1845	Coronel, Igracio .....	A grant mentioned .....	13
1846	Castillo, Felipe .....	Un Terreno & .....	34
1846	Do .....	Valle de San Felipe .....	46
	See also book of decrees contained within box No. 16.		
	Blotters or drafts of files and approvals:		
	Bundle C:		
1845	Castro, J. and F .....	El Sausal .....	2
1840	Col, Tomas .....	Suerte en el Tucho .....	17
1840	Castro, Simeon .....	do .....	17
	Carrillo, José .....	Las Pozas .....	25

Letters and loose papers relative to grants continued.

Date.	Claimant.	Locality.	No. of es- pediente.
1826 or 1827 ..	Bundle D: Castro .....	R. de la Bolsa del Cojo .....	9
1845 .....	Chard, Guillermo .....	Rancho de las Fores .....	18
Feb., 1839....	Castillero Andres .....		24
	And several others. For details see special index.		

Loose maps relative to grants continued.

Several loose maps relative to grants. See special index.

Papers relative to sales and leases of missions continued.

To be found, classed under No. 23, in the respective index.

1.—List of 580 complete espedientes continued.

Date.	Claimant.	Locality.	No. of es- pediente.
Dec. 2, 1833	Delgado, Crestina .....	Rincon de Salinas .....	16
Oct. 1, 1834	Dominguez, Nem'o .....	Las Virgenes .....	54
Apr. 6, 1837	Dana, Guillermo G .....	Nipoma .....	25
Apr. 6, 1837	Domingues, J. M .....	Las Virgenes .....	91
Apr. 6, 1837	Domingues, Carmen .....	Casmari .....	146
May 10, 1841	Duarte, Andres .....	Azusa .....	236
July 13, 1842	Dominguez, José Ant'o .....	San Emigdio .....	289
May 18, 1843	Dolivera, Manuel .....	500 varas .....	535
May 22, 1844	Dye, Francisco .....	Primer Cañon .....	414
July 25, 1844	Dominguez, Demetrio .....	No name .....	428
Aug. 22, 1844	Dias, Manuel .....	Cajon de San Diego .....	379
Nov. 18, 1844	Dickey, Guillermo .....	No name .....	392
Dec. 24, 1844	Dedmond, J. P .....	do .....	416
May 26, 1845	Dalton, Henrique .....	Near Azusa .....	453
Sept. 24, 1845	Dominguez, José .....	Prietos y Najalayegua .....	469
Oct. 3, 1845	Den, Nicolas A .....	Dos Pueblos .....	301
Oct. 30, 1845	Dolivera, Manuel .....	House .....	476
Nov. 14, 1845	Davila, Agustin .....	Corral del cuate .....	479
Jan. 29, 1846	Dominguez, Carlos .....	Mision vieja .....	498
Jan. 29, 1846	Dominguez, José .....	De San Miguel .....	498
Jan. —, 1846	Dominguez, José Ant'o .....	Salsipuedes .....	357
Mar. —, 1844	Dodero, Nicolas .....	No name .....	



## CATALOGUE, &amp;c.—Continued.

## 2.—List of 315 incomplete expedientes continued.

Date.	Claimant.	Locality.	No. of es- pediente.
1837	Dominguez, Antonio.....	Salsipuedes .....	36
1839	Dominguez, Nasario .....	Rosario .....	53
1842	Dolivera, Manuel .....	Some land in San Gab'l.....	148
1843	Deleissegues, Oliver .....	See expediente .....	170
1843	Domingues, J. A. & O. Gut'z .....	Purificacion y Aguichu .....	180
1843	Dias, Manuel .....	Las Llagas y ojo de la Cocha .....	184
1845	Dalton, Henrique .....	Cañadas de Arusa y Bocan'a .....	232
1845	Duarte, Andres y F. Valenz'a .....	A building lot in San Gab'l.....	239
1845	Dominguez, Carmen .....	El Alamo .....	247
1845	Diaz, Benito.....	Dos sitios jurisd'n de S'n T'co.....	255
1845	Duarte, Pedro .....	Vineyard of San Vicente .....	300
1846	Doliveira, Manuel .....	Some lands, inmediatas El Encinal de arriba.	283
1846	Dalton, Henrique .....	See expediente .....	286
1846	Dios, Juan de .....	A square of 400 varas .....	288
.....	Dominguez, J. A.....	See expediente .....	304

## 3.—Documents relative to land-claims continued.

Claimant.		
Duran, Trear N .....	Several documents concerning missions .....	Dep. Aug. 13, 1859.
Documents relative to various land-grants in the pueblo of San Juan de Argüello.		Dep. Aug. 1, 1869.

## 4.—Registry in Book No. 1 of localities, iron brands, &amp;c., continued.

Date.	Claimant.	Locality.	No. of es- pediente.
Prior to 1833	Dominguez, Cristobal, and formerly J. J. Dominguez.	Rancho de San Pedro, 1817, and 1822, and former dates. Folio 65.	.....

## 5.—Record of grants, Book No. 2, Toma de Razon, continued.

Date.	Claimant.	Locality.	No. of es- pediente.
1833	Delgado, Cristina.....	Rincon de Salinas .....	19
1834	Dominguez, Nemesio y Dom'o Carrillo .....	Las Virgenes .....	53

## 7.—Registry of grants, Toma de Razon, continued.

Date.	Claimant.	Locality.	No. of es- pediente.
1844	Dye, Francisco .....	Arroyo de los Berrindos.....	9
1844	Dodero, Nicolas.....	1,000 vs. en Sta. Cruz.....	6
1844	Dias, Manuel .....	Cajon de San Diego .....	8
1844	Dedmond, Joel .....	San Juan, marq's del Sto.....	9
1845	Dalton, Henrique .....	Arusa .....	14
1845	Dominguez, José .....	Los Prietos y Najalayegua.....	16
1845	Dominguez de Caballero, M'a Ant'a .....	Sisguoc .....	13
.....	Davila, Agustin .....	Corral del enati .....	17



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CATALOGUE, &c.—Continued.

8.—Relative to sales and cases of missions continued.

Date.	Claimant.	Locality.	No. of es- pediente.
June 8, 1846	Den, N. A., and Dan. Hill .....	Sta. Barbara. Dec. 5 .....	10
June 8, 1846	Den, N. A., and D. A. Hill .....	Sta. Barbara .....	4
1846	Den, N. A., and Dan. Hill .....	do .....	10
	Den, N .....	do .....	14
	Several papers (see cover for description). .....	.....	23

9.—Bundles of drafts of decrees relating to grants continued.

Claimant.	Locality.	No. of es- pediente.
Bundle A : Dominguer, Manuel .....	Applying for removal of H. I. Avila from San Pedro...	5

Drafts of decrees relative to grants continued.

See books of decrees to some grants in the time of Governor Alvarado contained in Box No. 16.

1.—List of 580 complete espedientes continued.

Date.	Claimant.	Locality.	No. of es- pediente.
Dec. 16, 1833	Estrada, J. M .....	Rancho Nacional .....	8
July 29, 1834	Espinosa, Trinidad .....	No name .....	48
Aug. 6, 1834	Estrada, J. R .....	San Luis Gonzaga .....	1
Sept. 5, 1835	Estrada, J. R .....	El Toro .....	7
Dec. 17, 1835	Espinosa, Gabriel .....	No name .....	13
Apr. 16, 1839	Espinosa, Carlos C .....	Posa de los Ositos .....	201
Apr. 16, 1839	Escobar, Marcelino .....	San José y sur Chiquito .....	198
Sept. 27, 1839	Estudillo, José Antonio .....	Tenvecula .....	39
Jan. 18, 1841	Estrada, Julian .....	Santa Rosa .....	218
Sept. 27, 1841	Estrada, Joaquin .....	Sta. Margarita .....	253
Jan. 15, 1842	Estrada, J. y Tco .....	Pastoria .....	265
May 9, 1842	Estrada, Rafael .....	San Lucas .....	384
Oct. 16, 1842	Estudillo, J. Joaquin .....	San Leandro .....	300
Dec. 21, 1842	Estudillo, José Antonio .....	San Jacinto .....	319
May 15, 1843	Emilio .....	200 vs .....	530
Oct. 21, 1843	Escobar, Marcelino .....	Huerta del Rei .....	323
June 19, 1845	Estrada Pedro .....	La Asuncion .....	455
Nov. 14, 1845	Elzeario .....	No name .....	480
	Estudillo, Mo. Antonio .....	Cajon .....	467

2.—List of 315 incomplete espedientes continued.

Date.	Claimant.	Locality.	No. of es- pediente.
1835	Estudillo, José Joaq .....	200 vs. on Yerba Buena .....	27
1839	Elisalde, Vicente, <i>et al</i> .....	San Bernardino .....	50
1839	Espinosa, J. Antonio .....	El Nacimiento .....	69
1839	Estudillo, J. Antonio .....	Temecula. (See Espediente No. 39) .....	42
1840	Escobar, Marcelino .....	See Espediente .....	98
1840	Estrada, José Ramon .....	Addition to "El Toro" .....	103
1840	Espinosa, Prudencio .....	Some land near El Tucho .....	104
1840	Estudillo, José Antonio .....	Mission Vieja .....	137
	Estudillo, José Antonio .....	San Juan Capistrano .....	111
1841	Elizalde, Mariano, <i>et al</i> .....		
1841	Escamilla, S. S. y M. Castro .....	Sta. Ana y Sta. Anita .....	119



## CATALOGUE, &amp;c.—Continued.

## 4.—Registry in Book No. 1 of localities, iron brands, &amp;c., continued.

Date.	Claimant.	Locality.	No. of es- pediente.
Prior to 1831	Estrada, José Santo .....	Buenavista.....1823..	30
	Estudillo, Magdalena .....	Otay.....1829..	73
	Estudillo, José Antonio.....	do.....	75 & 76

## 5.—Record of grants, Book No. 2, Toma de Razon, continued.

Date.	Claimant.	Locality.	No. of es- pediente.
1834	Estrada, José Raymond .....	San Luis Gonzaga.....	51
	do .....	El Toro .....	79
1835	Estrada, J. Anty. Joaq., represented by Josefa Vallejo.	El Chevalar .....	60
	Estudillo, José Anto .....	Temecula .....	61
1836	Espinosa, Gabriel.....	Un sitio de ganado mayor.....	105

## 7.—Registry of grants, Toma de Razon, continued.

1845	Estrada, Pedro .....	Terreno de la Asuncion .....	15
1845	Elceario y Pastor .....	800 vs .....	17
	Estudillo de Pedrorena, Mo. Anto .....	Cajon de Sn. Diego .....	16
	Estudillo de Argüello, Guad. y M. J. C. de Fitch.	Valle de las Palmas y Cañada del Mesquite .....	17
	Estrada, José, in behalf of heirs of Luis Argüello.	Book of grants No. 86.....	

## 9.—Drafts of decrees relative to grants continued.

	Bundle B:		
	Estrada, Pedro .....	La Asuncion. 1845. Book of decrees.....	1
	Estrada, José Anto .....	80 by 100 en Sta. Clara. 1845. Sheets.....	273

## Blotters or drafts of titles and approvals continued.

	Bundle C:		
	Estrada, Rafael .....	San Lucas. 1842.....	6
	Espinosa, Prudencio .....	} Suertes en el Tucho. 1840 .....	17
	Espinosa, Manuel .....		
	Espinosa, Esteban .....		
	Espinosa, Trinidad .....	} Suertes en la Vega del Rio. 1846.	19
	Espinosa, Carlos .....		
	Espinosa, Prudencio .....		
	Espinosa, José Gabl .....	600 y 200 vs. en los Pilarcitos.....	25
	And others which cannot be alphabetically classed. See special index.		

## Letters and loose papers relative to grants continued.

	Bundle D:		
	Estrada, José R., and several others	Rancho del Toro. Date of letter, 1836.....	12
		See special index.	



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CATALOGUE, &c.—Continued.

1.—*List of 580 complete expedientes continued.*

Date.	Claimant.	Locality.	No. of es- pediente.
Apr. 10, 1836	Figuerva, Francisco .....	Corral de Tierra .....	15
Sept. 26, 1836	.....do .....	San Vicente .....	65
Dec. 28, 1837	Felis, Vicente .....	Cayucos .....	260
Apr. 16, 1839	Felis, Fernando .....	Novato .....	188
Aug. 21, 1839	Forbes, Diego .....	San Pedro y San Pablo .....	170
Mar. 16, 1841	Fernandez, José .....	Quito .....	227
Sept. 28, 1841	Fitch, H. D. ....	Sotollome .....	254
Apr. 29, 1842	Foxen, G. D. ....	Timaguia .....	272
Mar. 22, 1843	Felis, José Antonio .....	Los Felis .....	350
May 8, 1843	Fabregal, Narciso .....	La Calera .....	534
May 28, 1843	Felie, Rafael .....	Pescadero .....	371
Feb. 21, 1844	Flugge, C. Guillermo .....	Rio de las Plumas .....	349
Feb. 29, 1844	Forbes, Diego .....	Potrero de Sta. Clara .....	353
Mar. 29, 1844	Farwell, E. A. ....	Arroyo Chico .....	359
May 1, 1844	Felis, Domingo .....	No name .....	361
Nov. 9, 1844	Fitch, H. D. ....	Sotoyome .....	411
Nov. 9, 1844	Felis, Fernando .....	Sanel .....	408
Apr. 5, 1845	Forster, Juan .....	Sierra de Agua Caliente .....	433
Apr. 19, 1845	Felipe .....	No name .....	446
July 8, 1845	Felipe .....	Buenavista .....	456
July 18, 1845	Francisco et al. ....	Encino .....	458
Sept. 26, 1845	Fitch, Josefa C. ....	Valle de las Palmas .....	471
Dec. 11, 1845	Forster, Juan .....	Rancho Nacional .....	491
Apr. 21, 1846	Flores, J. M. ....	La Liebre .....	547
July 24, 1846	Fitch, Henrique .....	Presidio .....	578

2.—*List of 315 incomplete expedientes continued.*

Date.	Claimant.	Locality.	No. of es- pediente.
1839	Felis, Juan y J. Ant. ....	Rancho de los Felis .....	66
1841	Forster, Juan y S. Johnson .....	Bolsa de San Joaquin .....	116
1842	Felis, J. Anto. y Ma. I. Verdugo .....	Rancho de los Felis .....	145
1842	Forster, S. y S. Johnson .....	Bolsa de San Joaquin .....	151
1842	Figuerva, F'co. as testamentary executor of Gen. Figuerva; sale made by him to V. de la Osa.	Vineyard in Sn. Gabriel .....	158
1844	Flores, Gumesindo .....	Jonata .....	196
1845	Francisco, Luis .....	Saticoy .....	218
1845	Flores, Gumesindo .....	See expediente .....	225

3.—*Documents relative to land claims deposited continued.*

Date of de- posit.	Claimant.	Locality.	No. of es- pediente.
Nov. 12, 1851	Fremont, J. C. ....	Mariposas .....	

5.—*Record of grants, Book No. 2, Toma de Razon.*

Date.	Claimant.	Locality.	No. of es- pediente.
1836	Figuerva, Francisco .....	Corral de Tierra .....	104



## CATALOGUE, &amp;c.—Continued.

6.—*Unbound book, Toma de Razon, continued.*

Date.	Claimant.	Locality.	No. of es- pediente.
1841	Fernandez, José L. y S. Noriega .....	Quito .....	.....

7.—*Registry of grants, Toma de Razon, continued.*

1844	Flugge, Guill'o .....	Terreno en las Margs. del Rio de las Plumas.	5
1844	Forbes, Diego .....	Potrero de Sta. Clara .....	5
1844	Farwell, Edo. A .....	Arroyo Chico .....	.....
1844	Felis, Domingo .....	Cañada de las Auras .....	7
1845	Foster, Juan .....	Potrero & .....	12
1845	Felipe .....	350 varas by 250 .....	14
1845	Felipe .....	Buena vista .....	15
1845	Foster, Juan .....	Rancho Nacional .....	18
1845	Francisco Tibo. y Ramon .....	El Encino .....	15

8.—*Documents relative to sales and cases of missions continued.*

Date.	Claimant.	Locality.	No. of es- pediente.
Dec. 2	Forster, J. y Sant'o McKinley .....	San Juan Capistrano .....	.....
Dec. 2	Forster, J. y Sant'o McKinley .....	San Juan Capistrano .....	.....
Dec. 9	Forster, J. y Sant'o McKinley .....	San Juan Capistrano .....	.....

*Bundles of documents relating to claims, drafts of decrees, continued ; drafts of decrees relative to grants.*

Claimant.	Locality.	No. of es- pediente.
Bundle B:		
Foster, Juan .....	Potrero de la Sierra del Ag. Cal'te, 1845 .....	4
Fitch, Henry D .....	A grant mentioned, 1845 .....	3
Bundle C:		
Letters and loose papers relative to grants continued.		
Feliz, J. and J. A .....	Rancho de. (Date of letter 1839, 1840) .....	14

1.—*List of 580 complete expedientes continued.*

Date.	Claimant.	Locality.	No. of es- pediente.
Dec. 14, 1833	Gutierrez, Tomas .....	Los Encinos .....	84
Dec. 17, 1833	Gonzales, J. J .....	San Ant. (a) Pescadero .....	23
May 26, 1834	Gonzales, Teodoro .....	Laguna Grande .....	76
Dec. 18, 1834	Gomez, Rafael .....	Tularcito .....	95
Aug. 28, 1835	Gomez, J. Joaquin .....	Ponacates .....	162
Sept. 23, 1835	Galindo, J. Ant'o .....	Laguna de la Merced .....	10
Oct. 22, 1835	German, Ant'o .....	Juristac .....	143
Oct. 22, 1835	German, Faustino .....	Juristac .....	143
Feb. 18, 1836	Gonzales, J. Rafael .....	San Justo Viejo San Bernabé .....	134
Mar. 18, 1836	Garcia, Rafael .....	Tamales y Baulenes .....	124
Sept. 20, 1836	Gonzales, Teodoro .....	Rincon Pta. del Monte .....	63
Apr. 7, 1837	Guerra y Noriegay, J .....	San Julian .....	147
Jan. 17, 1839	Guerra, J. de la .....	Conejo .....	139
Mar. 9, 1839	Guerra, J. Ant'o .....	Alamos .....	132
Oct. 16, 1839	Guerra, Francisco .....	Corral de Tierra .....	180



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CATALOGUE, &c.—Continued.

1.—List of 580 complete *espedientes* continued.

Date.	Claimant.	Locality.	No. of es- pediente.
July 24, 1841	Gonzales, J. Rafael.....	San Moguelito .....	243
Apr. 5, 1842	Garcia, Francisco .....	San Benito .....	276
Apr. 25, 1842	Guerra, J. de la .....	Simi .....	271
May 6, 1842	Garcia, Trifon .....	Atascadero .....	277
Jan. 27, 1843	Gordon, Julian .....	Jesus Maria.....	518
Apr. 1, 1843	Guilleams, Julian .....	Sta. Ana. del Chino .....	522
Nov. 28, 1843	Garfias, Manuel .....	Rincon de San Pascual .....	157
Jan. 13, 1844	Gulnac, Guillermo .....	No name .....	340
Feb. 2, 1844	Guerra, Pablo .....	Nicasio .....	420
Feb. 7, 1844	Gonzales, Mauricio .....	Cholam .....	342
Mar. 12, 1844	Gutierrez, Octaviano.....	La Laguna .....	355
Dec. 20, 1844	Grimes, Elias .....	Sacramento River.....	403
Apr. 10, 1845	Gutierrez, Tomas .....	No name .....	440
July 22, 1845	Gabriel, José V .....	do .....	460
July 22, 1845	Gabriel, J. de Jesus .....	do .....	460
Nov. 13, 1845	Gutierrez, Octaviano.....	Laguna .....	478
Dec. 19, 1845	Gastelum, F'co H.....	Valle de S. Rafael .....	492
July 24, 1846	Guerrero, T'co .....	Presidio .....	578
	Gonzales, Teodoro .....	Punta de Cipreses.....	41
	Gonzales, Teodoro .....	Esp. 63, see also esp. 163.	

2.—List of 315 *incomplete espedientes* continued.

Prior to 1833	Grijalba, Pablo .....	Paraje de las Flores .....	2
	Grijalba, Pablo .....	Sitio del Arroyo de Santiago .....	3
	Galindo, Leandro .....	Los Capitancillos.....	21
1839.....	Garfias, M .....	See espediente .....	49
1839.....	Garcia, Inocente.....	See espediente .....	51
1839.....	Garcia, Inocente.....	1½ league by ¾ .....	54
1840.....	Garner, Guillermo .....	San Simeon .....	143
1841.....	Gutierrez, Tomas, <i>et al.</i> .....	San Juan Capistrano .....	111
1841.....	Garcia, Inocente.....	San José .....	132
1842.....	Gallardo, J. y F. Villa .....	2,000 varas .....	147
1843.....	Geronimo, S. Ign'o y Ger'o .....	See espediente .....	163
1843.....	Gutierrez, Oct'o y J. A. Dominguez .....	Purificacion y Aquichu.....	180
1843.....	Gabriel, M'a, <i>et al.</i> .....	See espediente .....	164
1844.....	Gomez, Vicente .....	Panocha Grande .....	194
1844.....	Garcia, Manuel .....	El Camate .....	201
1845.....	Galindo, Juan Crisostomo .....	2 sitios .....	209
1845.....	Gutierrez, Octaviano.....	La Laguna .....	306
1845.....	Guerro, y Norriega, J. de la .....	A garden en la Purisima .....	241
1846.....	Gomez, José Miguel .....	La Estrella.....	278
1846.....	Gomez, José Miguel .....	San Miguel.....	287
1846.....	Garcia, Rafael .....	See espediente .....	291
1846.....	Garcia, José Mig'l, <i>et al.</i> .....	Ex Mision of San Rafael .....	294
1846.....	Guerrero, Julian .....	See espediente .....	298
1846.....	Gastelum, Pedro y I. D. Sais .....	Santo Tomas .....	279

4.—Registry in Book No. 1 of localities, iron brands, and ear-marks, continued.

Date.	Claimant.	Locality.	No. of es- pediente.
	Guerra, y Norriega J. de la .....	Parte del Conejo.....	59

5.—Record of grants, Book No. 2, *Toma de Razon*, continued.

1833	Gonzales, Juan José .....	San Ant'o (a) E. Pescadero .....	21
1834	Gomez, José Joaquin .....	Real de (a) Aquilas .....	49
1834	Gomez, Rafael .....	Los Tularcitos .....	59
1835	Gomez, Joaquin .....	Cañ'a de en medio y Cañ'a de sebada .....	68
1835	Galindo, José Antonio.....	Laguna de la Merced .....	74
1835	German, Ant'o y Faust'o .....	Juristac .....	80
1835	Gonzales, Teodoro .....	Cañada de Laureles .....	71
1836	Gonzales, Rafael.....	San Justo el viejo y S. Bernabé.....	92
1836	Garcia, Rafael .....	Tamales y Baulenes .....	100



## CATALOGUE, &amp;c.—Continued.

## 7.—Registry of grants, Toma de Razon, continued.

Date.	Claimant.	Locality.	No. of es- pediente.
1844	Gulnac, Guillermo .....	Campo de Franceses .....	4
1844	Guerra, P. de la, y Cooper .....	Nicasio .....	10
1844	Gonzales, Mauricio .....	Cholam .....	4
1844	Gutierrez, Octaviano .....	La Laguna .....	6
1844	Guerrero, Francisco .....	$\frac{3}{4}$ de Legua .....	7
1845	Gutierrez, Tomas .....	400 vs. $\times$ 100 .....	12
1845	Gutierrez, Octaviano .....	Laguna .....	17
	Gastelum, Fr'co J .....	Valle de San Rafael .....	18

## 9.—Documents relative to claims, drafts of decrees, continued.

Bundle A.—Espedientes continued:

Gastelum, Pedro & J. de Sais. Santo Tomas, 1846, No. of espediente, 6.

Bundle D.—Letters and loose papers relative to grants continued:

Gonzales, Teodoro. Los Laureles. Date of letter 1839, No. of espediente, 15.

## 1.—List of 580 complete espedientes continued.

Date.	Claimant.	Locality.	No. of es- pediente.
Dec. 30, 1833	Hernandez, Felipe .....	Laguna de las Calabaras .....	118
Jan. 14, 1835	Haro, Francisco De .....	San Pedro .....	3
Aug. 7, 1835	Hernandez, J. M .....	Ojo de Agua de las coches .....	29
Nov. 5, 1835	Higuera, Joaquin .....	Pala .....	45
Mar. 14, 1836	Han, Francisco de .....	San Pedro .....	86
May 9, 1836	Higuera, Nicolas .....	Entre Napa .....	153
Apr. 4, 1839	Higuera, Fulgencio .....	Agua Caliente .....	125
May 21, 1840	Hernandez, José .....	Los Gatos .....	206
Aug. 28, 1841	Hartwell, Guillermo .....	Todos Santos .....	252
Oct. 23, 1843	Hardy, Tomas .....	Rio de Jesus Maria .....	311
Nov. 28, 1843	Higuera, Valentin .....	Pescadero .....	371
Jan. 18, 1844	Hernandez, Mariano .....	No name .....	341
Jan. 18, 1844	Hernandez, Pedro .....	do .....	341
Feb. 29, 1844	Higuera, Antonio .....	Cañada de los vaqueros .....	431
Apr. 30, 1844	Haro, Francisco .....	Potrero .....	360
Apr. 30, 1844	Haro, Ramon .....	do .....	360
Nov. 3, 1844	Hartwell, Go .....	No name .....	419
May 29, 1846	Hinckley, Guillo .....	Lot 150 by 50, in Yerbabuena .....	561
June 10, 1846	Hill, Daniel .....	La Goleta .....	570
July 11, 1846	Herrera, Tomas .....	Camate .....	577

## 2.—List of 315 incomplete espedientes continued.

Date.	Claimant.	Locality.	No. of es- pediente.
1839	Hartnell, Lorenzo .....	Sta. Isabel .....	46
1839	Higuera, Tco. Maria, <i>et al</i> .....	San Bernardino .....	50
1840	Higuera, José Maria .....	Two suertes en el Tacho .....	85
1840	Higuera, Fulgencio .....	See espediente .....	99
1840	Hernandez, Francisco .....	do .....	107
1841	do .....	do .....	109
1841	Haro, Francisco de .....	One suerte in Mission Dolores .....	110
1841	Hernandes, Tomasa .....	One solar in Sta. Clara .....	127
1841	Hill, Daniel .....	Los dos Pueblos .....	141
1841	Higuera, José Ma .....	Potrero .....	142
1845	Herrera, Tomas, <i>et al</i> .....	La Laguna .....	261
1839	Hartwell, G. E. ....	Additional extent of Sta. Isabel .....	313



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3.—Documents relative to land claims deposited continued.

Date.	Claimant.	Locality.
Dec. 1, 1865	Haro, Fran'co .....	Lots in Mission Dolores (deposited.)
Nov. 28, 1874	Hallock .....	Statement concerning Sn. Marcos (deposited.)
Nov. 30, 1860	Haight, H. ....	Map (deposited.)

4.—Registry in Book No. 1 of Sitios Fierros y Senales and ear-marks continued.

Date.	Claimant.	Locality.	No. of espediente.
1823	Haro, Francisco de .....	Salsipuedes .....	38

5.—Record of grants, Book No. 2, Toma de Razon, continued.

	Hernandez, Felipe .....	Laguna de las Calabaras .....	24
	Hartnell, Guillo. Ed .....	El Alisal .....	34
	Hernandez, Juan M. ....	Ojo de agua de la Coche .....	65
	Higuera, José .....	Pala .....	82
	Higuera, Nicolas .....	Un sitio en Napa .....	112

7.—Registry of grants, Toma de Rason.

1844	Hernandez, Mo. y Pedro .....	Terreno en los margenes de S. Joaquin .....	4
1844	Higuera, Ant., <i>et al</i> .....	Cañada de los .....	5
1844	Haro, Francisco y Ramon .....	El Potrero .....	7
	Hartnell, Guillo. Edo .....	11 sitios en el Sacramento .....	9

8.—Documents relative to sales and cases of missions continued.

Date.	Claimant.	Locality.	No. of espediente.
Dec. 5, 1845	Hill, Dan., y N. A. Den .....	Sta. Barbara .....	10
June 6, 1846	Hill, D. A., y N. A. Den .....	do .....	10
June 8, 1846	Hill, Dan., y N. A. Den .....	do .....	4

9.—Bundles of espedientes, drafts of decrees, continued.—Drafts of titles relative to grants.

Date.	Claimant.	Locality.	No. of espediente.
	Bundle C:		
1840	Higuera, José .....	Suerte en el Tucho .....	17
1846	Higuera, Tomas .....	Suerte en la Vega del Rio .....	19
	Hernandez, Felipe .....	Laguna de las Calabaras .....	25



## CATALOGUE, &amp;c.—Continued.

## 1.—List of 580 complete expedientes continued.

Date.	Claimant.	Locality.	No. of expediente.
Dec. 11, 1833	Ibarra, Andres .....	San Alejo .....	101
Feb. 23, 1841	Ibarra, Gil .....	Cañada de la Brea .....	222
July 19, 1841	Ines .....	Valle de San Luis Gonzaga .....	242
July 13, 1842	Ibarra, Andres .....	San Alejo .....	288
May 9, 1843	Indians .....	No name .....	526
Oct. 22, 1843	Inidia, Camilo .....	Olumpuli .....	320
Feb. 14, 1844	Iñigo .....	Pocita de las Animas .....	422
Jan. 23, 1844	Ibarra, Andres .....	Los Encinitos .....	541

## 2.—List of 315 incomplete expedientes continued.

Prior to 1833	Ibarra, José Desiderio .....	Cajon de Sta. Ana .....	9
1840 .....	Ibarra, Andres .....	See Expediente .....	91
1841 .....	Ibarra, José, <i>et al</i> .....	San Juan Capistrano .....	111
1843 .....	Ignacio, Jose, <i>et al</i> .....	See Expediente .....	163
1843 .....	Indians of la Soledad .....	do .....	167
1843 .....	Ibarra, Andres, v J. M. Osuna .....	do .....	181
1843 .....	Indians of Sta. Clara .....	Expediente .....	193

## 7.—Registry of grants, Toma de Razon, continued.

Date.	Claimant.	Locality.	No. of expediente.
1844	Iñigo .....	Pysolin .....	5
1844	Indios de Sta. Clara .....	El Terreno que queda .....	8

## 9.—Bundles of drafts of decrees to grants, continued; drafts of decrees to grants.

## Bundle B:

In dividendos del placer de Sn. Feliciano, 1845. Book of doc., No. 1.

## 1.—List of 580 complete expedientes continued.

Date.	Claimant.	Locality.	No. of expediente.
Apr. 28, 1840	Jimeno, Manuel .....	Satico y Sta Paula .....	204
Oct. 26, 1841	Juan, Cayetano .....	Tulucay .....	262
Mar. 22, 1843	Johnson, Santiago .....	San Jacinto y San Gorgonio .....	521
May 3, 1843	Jesus, Sefo .....	No name; 200 varas .....	527
Nov. 4, 1844	Jimeno, Manuel .....	No name .....	413
Dec. 27, 1844	Jansens, Agustin .....	Lomas de la Parificacion .....	409
May 4, 1845	Juana, Maria .....	Cuca .....	449
May 24, 1845	Juares, Cayetano .....	Yokalla .....	452
Dec. 3, 1845	Jesus, Serafino .....	No name .....	486
May 27, 1846	Jordan, Luis .....	Alamos y Agua Caliente .....	560

## 2.—List of 315 incomplete expedientes continued.

Date.	Claimant.	Locality.	No. of expediente.
1841	Johnson, Sant. y J. Forster .....	Bolsa de San Joaquin .....	116
1843	Johnson, Sant. y J. Forster .....	Bolsa de San Joaquin .....	151
1843	Joaquin and others .....	Some lands of San Fernando .....	178
1846	Jimeno, Manuel .....	Addition & .....	282
1846	Jacob <i>et al</i> .....	Palos Verdes .....	286



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5.—Record of grants, book No. 2, Toma de Razon, continued.

Date.	Claimant.	Locality.	No. of es- pediente.
1834	Jimeno Casarin, Manl .....	Salispuedes .....	57

7.—Registry of grants, Toma de Rason.

1844	Jimeno, Manuel .....	11 Sitios & .....	10
1845	José, Manuel y Andres .....	Guajome .....	15
1845	Jnarez, Cayetano .....	Tokaya ó Jokaya .....	14
1845	Juan de Jesus y José Gabriel .....	Terro. en la Mn. de S. Buena .....	15

Bundles of drafts of decrees to grants.

Bundle B:  
Tuarez, Cayetano, 8 Sitios, 1845; folio 12.

Blotters of drafts of titles and approvals, continued.

Date.	Claimant.	Locality.
	Bundle C: Jordan, Luis, <i>et al</i> .....	Los Alamos y Aqua Caliente. 1846. No. 4.
	Josecillo .....	Suerte en el Tucho. 1840. No. 17.
	Jordan, Lnis, <i>et al</i> .....	Los Alamos. 1846. No. 23.

1.—List of 580 complete espedientes, continued.

Date.	Claimant.	Locality.	No. of es- pediente.
Oct. 14, 1845	Kayser, Sebastian .....	Llano Seco .....	472
May 4, 1846	Knight, Gnillo .....	Carmel .....	550
May 13, 1834	Little, John David .....	Los carneros .....	81
Dec. 22, 1834	Lugo, Francisco .....	Punta del Monte .....	75
Apr. 8, 1839	Larios, Mannel .....	Sta. Ana y Quien Sabe .....	127
Apr. 10, 1839	Livermore, Roberto .....	Las Pocitas .....	129
May 2, —	Lopez, Juan .....	Secnan .....	122
June 8, 1839	Lugo, Francisco .....	Ojo de agna del Encinal .....	516
Mar. 13, 1840	Linares, J. de la Luz .....	Nogales .....	195
Dec. 5, 1840	Lopez, Francisco .....	Tofunga .....	215
Dec. 5, 1840	Lopez, Pedro .....	Tofunga .....	215
Mar. 26, 1841	Lugo, Anto. Maria .....	Sta. Aña del Chino .....	231
Apr. 14, 1841	Lorenzana, Apolinaria .....	Jamacha .....	17
July 9, 1841	Lorenzana, Felipe .....	Inmed a Cerritos .....	241
July 31, 1841	Leese, J. P. .....	Caña. de Guade. y Visitan .....	245
July 31, 1841	Leese, J. P. .....	Huichica .....	246
Sept. 30, 1841	Lopez, Ma. Igna .....	Cab. Santa Rosa .....	255
Feb. 9, 1842	Linares, Victor .....	Cañada de los Osos .....	268
June 21, 1842	Lugo, J. del Carmen .....	San Bernardino .....	383
Aug. 1, 1842	Larios, Justo .....	Capitancillos .....	294
Oct. 6, 1842	Linares, Ma. Anto .....	Los Carneros .....	297
Dec. 2, 1842	Linares, Victor .....	Cañada de los Osos .....	317
Mar. 17, 1843	Lopez, Francisco .....	Temascal .....	520
May 16, 1843	Lorenzana, Apolinaria .....	Cañada de los Coches .....	531
May 30, 1843	Loyba ó Leiva Santo .....	200 varas .....	538
July 6, 1844	Leese, Jacob .....	Huichica .....	430
Oct. 8, 1844	Leidesdorff, Gniel. A .....	Rio de los Americanos .....	389
Dec. 15, 1844	Larkin, Tomas O .....	No name .....	417
Apr. 18, 1845	Ledesma, José and .....	No name .....	443
Sept. 23, 1845	Lino, Maria .....	No name .....	466
Jan. 25, 1846	Lopez, Juan .....	Cañada de Sn. Vicente .....	496
May 27, 1846	Lopez, Fco. R .....	Alamos y Agna Caliente .....	560
June 3, 1846	Loreto, José .....	Palos Verdes .....	565
June 9, 1846	Lataillade, Ges .....	Cnyama .....	569
	Lopez, José .....	Ve Despoblado .....	38
	Lopez, José .....	Joljol .....	52
	Lopez, Ignacio .....	Joljol .....	52
	Lugo, Francisco .....	See espediente .....	94



## CATALOGUE, &amp;c.—Continued.

## 2.—List of 315 incomplete expedientes continued.

Date.	Claimant.	Locality.	No. of es- pediente.
Prior to 1833	Lugo, José Igno. and J. M. Romero...	Cayeguas .....	18
1833	Lopez, Juan .....	Cerro de San Miguel .....	22
1833 and 1837	Lugo, Anto. Maria .....	Ampliacion .....	48
	Lopez, Bernardino y J. Ma. ....	Santa Anita .....	65
	Lopez (Juan), say Franco. ....		
1838 and 1839	Lugo, J. del Carmen .....	<i>Et al.</i> San Bernardino .....	50
	Lugo, José Maria .....		
	Lugo, Ignacio .....		
	Lugo, Bernardino .....		
	Lopez, Juan .....		
1840	Lorenzana, F. y R. Olivas .....	Saticoy .....	121
1842	Leandry .....	See expediente .....	82
	{ .....	See expediente .....	83
Toward 1840,	{ .....	do .....	82 & 83
1841, and	{ .....	do .....	83
1842.	{ .....	do .....	83
	{ .....	do .....	82 & 83
1841	Lopez, José, <i>et al.</i> .....	San Juan Capistrano .....	111
1841	Lugo, Anto. Ma. ....	San Bernardino .....	122
1841	Lugo, Anto. Ma. ....	See expediente .....	134
1842	Lugo, Francisco .....	Podrero .....	146
1842	Lopez, Franco., <i>et al.</i> .....	See expediente .....	311
1843	Leese, Jacob, P. & S., Vallejo .....	Nicasio .....	171
1843	Limantour, J. Ives .....	Farrallones & .....	308
1844	Limantour, José .....	8 leguas by 10, as per sketch .....	309
1844	Leira, J. Ant. ....	300 veras on San Juan Capistrano .....	204
1845	Lipar, J. A., and J. Cañedo .....	See expediente .....	220
1845	Lopez, Bonifacio .....	San Pascual .....	224
1845	Lopez, Francisco R. ....	See expediente .....	256
1845	Lavia, Franco. ....	do .....	263
1845	Lopez, Camaso .....	do .....	265
1846	Leidesdorff, Guillo .....	One 50 vara lot in Yerbabuena .....	270

5.—Record of grants book No. 2, *Toma de Razon*, continued.

Date.	Claimant.	Locality.	No. of es- pediente.
1834	Little, John David .....	Los Carneros .....	35

6.—Unbound book, *Toma de Razon*.

1839	Livermore, Roberto y J. Noriega .....	Las Positas. (Recorded in 1841) .....	.....
1841	Leese, J. P. ....	Cañada de Guade. Visitn. y Rodeo Viejo .....	.....

7.—Registry of grants, *Toma de Razon*, continued.

1844	Leese, J. P. ....	3½ sitios; aumto. a Huichica .....	8
1844	Larkin, T., a nombre de sus hijos .....	10 sitios and .....	10
1845	Ledesma, José .....	400 varas by 200 .....	13
1845	Lino, Maria .....	Un terro. de 561 varas de circunfa. ....	16

## 9.—Bundles of drafts of decrees relative to grants continued.

Bundle B:			
	Lopez, Francisco .....	About placer de Sn. Feliciano, 1845, 1st book of decrees.	
	Limentoux .....	Mention made of, 2d book of decrees.	
	Ledesma, José .....	Terrenos cerca de Sn. Gabriel, 1845, sheet No. 9.	
Bundle C.—Blotters of drafts of titles and approvals continued:			
	Lopez, Fco., <i>et al.</i> .....	Los Alamos y Agua Calte., 1846, No. 4.	
	Lino, Maria .....	571 varas de circunfa. cerca de S. Bta., No. 13.	
	Lopez, Fco. R., <i>et al.</i> .....	Los Alamos, 1846, No. 23.	



## CATALOGUE, &amp;c.—Continued.

*Letters and loose papers relative to grants continued.*

	Claimant.	Locality.
	Martinez, Ignacio .....	Rancho del Pinol, date of certificate 1828, No. 10.
	Lugo Ma. Antonio .....	Sta. Ana cajon de las Uras, and other places, February, 1839, No. 25.

## 1.—List of 580 complete expedientes continued.

Date.	Claimant.	Locality.	No. of expediente.
May 18, 1833	Manjarres, Graco .....	Sancito .....	51
May 22, 1833	Malaren, Juan .....	Guadaloupe .....	21
June 10, 1833	Maximo, Martinez .....	Cañada del Corde de Madera .....	6
Nov. 23, 1833	{ Major, J. J., or rather J. A. Bolcoff, } { an addition to J. J. Majors, in 1841 }	San Agustin .....	233
Jan. —, 1834		La Cañadita .....	77
Jan. 22, 1834	Munras, Catalina .....	Corral de Tierra .....	107
Feb. 3, 1834	Mesa, Tco .....	Los Cueros de Venado .....	12
Oct. 26, 1834	Marron, J. M .....	Rincon de San Pascual .....	97
Feb. 18, 1835	Maroner, Juan .....	Pilarcitos .....	53
Sept. 21, 1835	Mesa, Luis .....	San Francisquito .....	69
Nov. 7, 1835	Munras, Catalina .....	El Tucho .....	33
Jan. 27, 1836	Muñoz, José Anto .....	Laureles .....	175
Sept. 19, 1837	Martinez, Blas .....	Novato .....	182
Oct. 16, 1837	Martin, Juan .....	Santa Monica .....	330
July 19, 1839	Marquez, Tco .....	Esten Americano .....	172
Sept. 4, 1839	McIntosh, Manuel .....	Chualar .....	176
Sept. 7, 1839	Malarin, Juan .....	Medano .....	185
Nov. 26, 1839	Mesa, J. Anto .....	do .....	185
Nov. 26, 1839	Mesa, J. Mig .....	Ballona .....	184
Nov. 27, 1839	Machado, Ag .....	do .....	184
Nov. 27, 1839	Machado, Ign .....	No name .....	217
Jan. 2, 1841	Miramontes, C .....	Rinconada de San Francisquito .....	221
Feb. 16, 1841	Mesa, Ma. Ant .....	San Bernasé .....	224
Mar. 10, 1841	Molina, Jesus .....	Corral de Tierra .....	232
Apr. 20, 1841	Mesa, Louis .....	Laguna de los Palos Colorados .....	249
July 31, 1841	Moraga, Joaquin .....	San Vicente .....	269
Mar. 10, 1842	Munras, Esteban .....	Pinole .....	278
June 1, 1842	Martinez, Ignacio .....	Agua Hedionda .....	295
Aug. 10, 1842	Marron, J. M .....	200 varas .....	537
May 20, 1843	Manté, Arno, & .....	San Luis Gonzaga .....	315
Nov. 4, 1843	Mejia, J. M .....	San Pedro, Sta. Margta. y Gallinas .....	346
Feb. 14, 1844	Murphy, Timoteo .....	Cañada de los Vaqueros .....	431
Feb. 29, 1844	Miranda, Manuel .....	Caslamayomi .....	363
Mar. 26, 1844	Montenegro, Eugenio .....	Son la Jullé .....	365
Mar. 29, 1844	Mesa, Ramin .....	No name .....	373
Apr. 1, 1844	Marquez, Miguel .....	Corte de Madera .....	366
May 1, 1844	Martinez, Maximo .....	Temecula .....	425
June 7, 1844	Manrique, Julian .....	Agua del Centinela .....	394
Sept. 12, 1844	Machado, Ignacio .....	Laguna eel Centinela .....	382
Sept. 14, 1844	do .....	Arroyo de Sn. Antonio .....	397
Oct. 8, 1844	Miranda, Juan .....	Pauba .....	390
Nov. 9, 1844	Moraga, Vicente .....	Santa Rita .....	542
Apr. 10, 1845	Malo, Ramon .....	No name .....	444
Apr. 18, 1845	Morrillo, Jorge, & .....	Ulistac .....	450
May 19, 1845	Marcos .....	Guajome .....	459
July 19, 1845	Manuel, Soré .....	Escorpion .....	461
Aug. 7, 1845	Manuel, V .....	Cañada de St. Tomas .....	490
Dec. 9, 1845	Melendez, Guade .....	Descanso .....	497
Jan. 27, 1846	Machado, Juan .....	Mission vieja de Sn. Miguel .....	498
Jan. 29, 1846	Manrique, Julian .....		
Jan. 29, 1846	Manrique, Juan .....	Sta. Rosa .....	499
Jan. 30, 1846	Moreno, Juan .....	No name .....	500
Feb. 3, 1846	Mansilla, Tomas .....	Pauba .....	545
Feb. 4, 1846	Moraga, Vicente .....	Durango .....	555
May 21, 1846	Morillo, Hilario .....	Milcuatuy .....	574
June 16, 1846	Martin, A. J., Bta .....	Sayanta .....	234
	Major, J. J. C .....	Seven Leagues .....	515
	Manrique, Julian .....	Casadoras. (See espte. No. L. C) .....	303
	Murphy, James .....		



## CATALOGUE, &amp;c.—Continued.

## 2.—List of 315 incomplete expedientes continued.

Date.	Claimant.	Locality.	No. of expediente.
Prior to 1833 29 and 26.	{ Martinez, Ignacio .....	Dos sitios & .....	13
	{ Marron, J. M. ....	Cuero de Venado .....	20
1838-1839	{ Marquez, Francisco .....	San Bernardino .....	
	{ Morrillo, Brigido .....		
	{ Morrillo, Jorge, <i>et al</i> .....		
1839	Martinez, José Max .....	Addition to Todos los Santos .....	47
1840	Mariné .....	San Pascual .....	
	{ Machado, Manuel .....		
1841	{ Marron, Juan Maria .....	San Juan Capistrano .....	
	{ Moreno, Jesus .....		
	{ Machado, Juan, <i>et al</i> .....		
1841	Mesa, Francisco .....	Ampliacion a Corral de Tierra .....	117
1841	Marcelo .....	Ampliacion .....	126
1842	Moreno, Juan and T. Urquides .....	El Alamo .....	177
1842-1843	Montenegro, Eng. ....	Same vacant lands at S. C. Mission .....	173
1843	Maredino, y Pantaleon .....	See expediente .....	159
1843	Marron, Fco. y J. Tico .....	Guenegel .....	176
1843	Marquez, Fco., <i>et al</i> .....	Sta. Monica .....	179
1843	Marcelo, Como. Pasqualy y Gab. Ma ..	See expediente .....	164
1844	Murphy, Timoteo .....	A huerta the property of Sn Rafael .....	190
1844	McIntosh, Ml. Eduardo .....	See expediente .....	199
1845	Martinez, Sant., <i>et al</i> .....	La Jaboneria .....	226
1845	Montenegro, Eugenio .....	See expediente .....	227
1845	Machado, Anto .....	See expediente .....	253
1845	Munras, Esteban .....	Ex. Mission Soledad .....	259
1845	Maroque, Julian .....	See expediente .....	305
1845-1846	Melendres, Guadalupe .....	Soledad la Guilla .....	295
1846	Mackensie, Bernardo .....	4 leagues by 1 along Moquelemos R .....	271
1846	Mansilla, Agustin .....	Mission of S. Tomas .....	273
1846	Moreno, José Matias .....	Huerta de la Mn. de S. Vicente .....	293
1846	Martinez, McEulogia .....	See expediente .....	299
1846	Murphy, Timoteo .....	Garden of the Mon. of S. Rafael .....	310
	Marron, Juan Ma .....	Agua Hedeinda .....	315

## 3.—Documents relative to land claims deposited continued.

	Martinez, Ignacio .....	El Pinole, deposited February 17, 1858.
	Moraga & Valencia .....	Boundaries of arroyo of San Pablo, deposited May 1, 1855.
	Mesa, Luis .....	Corral de Tierra, deposited January 4, 1869.

## 5.—Record of grants, Book No. 2, Toma de Razon, continued.

Date.	Claimant.	Locality.	No. of expediente.
1833	{ Maryarres, Graciano .....	El Sansito .....	2
	{ Malarin, Juan .....	Guadalupe .....	1
	{ Martinez, Maximo .....	Cañada del Corte de Madera .....	8
	{ Manzanelli, de Munraz, Ca .....	Cañadita enfrente de la Laga. seca .....	3
1834	{ Manzanelli, de Munraz, Cala .....	Ampliacion al terr'no de la Cañada, & .....	25
	{ Mesa, Fco .....	Corral de Tierra .....	26
	{ Marron, J. Ma .....	Cueros de Venado .....	56
	{ Malarin, Juan .....	Llanito de los Correos .....	62
1835	{ Mariné, Juan .....	Rencon de San Pascual .....	63
	{ Mesa, Luis .....	500 yaras en los Pilarcitos .....	76
	{ Manzanelli de Munraz, Ca .....	San Francisquito .....	84
	{ Muñoz, Juan Antonio .....	Huerta de la Nacion .....	86

## 6.—Unbound book, Toma de Razon, continued.

Date.	Claimant.	Locality.
1841	Mayors, J. J. C. ....	San Agustin.
	Mayors, J. J. C. ....	Sayanta.



REPORT OF THE COMMISSIONER OF  
CATALOGUE, &c.—Continued.

7.—Registry of grants, Toma de Razon, continued.

Date.	Claimant.	Locality.	No. of es- pediente.
1844	Murphy, Timoteo.....	San Pedro y Margta.....	4
1844	Moranda, F. Alvines ó Alvisio y A. Higuera ..	Cañada de los .....	5
1844	Montenegro, Eugo .....	Ocho Sitios .....	6
1844	Mesa, Ramon .....	Salojullé .....	7
1844	Martinez, Maximo .....	Dos Sitios .....	7
1844	Machado, Igño .....	Aguaye del Continela .....	9
1845	Malo, Ramon .....	Santa Rita, 3 Sitios.....	13
1845	Morrillo, George, and T. Romero .....	Potrero de F. Lugo, y parte &a .....	13
1845	Marcelo, Pio y Cristobal.....	Ulistac.....	14
1845	Manuel, Urbano y Odon .....	Escorpion .....	15
1845	Melendres, Guade .....	400 yaras en Ste. Tomas .....	18
1845	Maria, Juana .....	Cuca .....	14

8.—Documents relative to sales of eases of missions continued.

McKinley, Scott & Wilson.....	San Luis Obispo, Dec.....	2
McKinley, Santo., y J. Foster .....	San Juan Capistrano, Dec .....	2
Manso, J., y Andres Pico .....	San Fernando, Dec .....	5, 10
McKinley, Scott & Wilson .....	San Luis Obispo.....	2
McKinley, Santo., & J. Forster .....	San Juan Capistrano .....	2
McKinley, Santo., & J. Forster .....	San J. Capistrano .....	9

9.—Bundles of decrees to grants continued. *Espedientes.*

Bundle A : Mancillo, Tray Tomas .....	Applying against colonization of the missions in Lower California.
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*Drafts of decrees relative to grants.*

Claimant.	Locality.	
Bundle B: Manuel, Antonio.....	Un Sitio en la Mission Vieja, 1845..	Sheet No. 5
Malo, Ramon .....	Sta. Rita, 3 Leguas, 1845 .....	7
Moreno, Juan .....	Sta. Rosa, 1845.....	10

9.—Bundles of drafts of decrees relative to grants—continued. *Blotters of draft of titles and approvals of assembly continued.*

Claimant.	Locality.	No. of es- pediente.
Bundle B : Martinez, Agustin.....	Suerte en el Tneho, 1840 .....	No. 17
Martinez, Ramon y Clara.....	Suerte en las Vegas del Rio, 1846.....	No. 19
Martinez, Vicente .....	Suerte en las Vegas del Rio, 1848.....	
Martz, Maxo. & Do. Peralta.....	Cañada de Corte de Madera.....	25
Malarin, Juan .....	Guadalupe .....	25
Manzandi, de Munraz, Cat .....	Ampliacion a la Cañada Simto a la La- guna Seca.	

*Letters and loose papers relative to grants continued.*

Bundle D : Martinez, Ignacio .....	Rancho del Pinol, date of cert. of 1828...	No. 10
Mission San Luis Rey .....	Indians, 1843.....	No. 26



## CATALOGUE, &amp;c.—Continued.

*Loose papers, maps, &c., relative to missions continued.*

Bundle E:

Sta. Clara and San José boundaries. See letter, 1827.

1.—*List of 580 complete expedientes continued.*

Date.	Claimant.	Locality	No. of expediente.
May 22, 1834	Nieto, J. José .....	Sta. Gertrudis .....	103
Oct. 13, 1835	Noriega, José .....	Los Meganos .....	30
Apr. 10, 1839	Noriega, José .....	Las Positas .....	129
Jan. 21, 1840	Noe, José de Jesus .....	Las Camaritas .....	190
Mar. 16, 1841	Noriega, José .....	Quinto .....	227
Feb. 22, 1844	Nuñez, Sebastian .....	Orestimba .....	347
Mar. 30, 1844	Narvaes, Augustin .....	San Juan Bantesta .....	364
May 12, 1844	Narvaes, Pedro .....	Paso de Robles .....	375
Dec. 23, 1845	Noe, José de Jesus .....	No name .....	494
May 3, 1846	Nemesio, Santiago .....	Cañada de Capay .....	511

2.—*List of 315 incomplete expedientes continued.*

1784 to 1796	Nieto, Ml. ....	Near the mission of San Gabriel .....	1
1840	Nieto, Maria Cleofas .....	Bolsa Chiquita .....	94
1840	Noriega, So. y T. Ben .....	Cuatro Sitios, &a .....	102
1843	Narvaes, Miguel .....	Dies Sitios, &a .....	162
1845	Nye, Miguel y J. Smith .....	Uba .....	210
Towards 1845	Naymas, Tomas .....	Some lands in Cda. de S. Buenava .....	242

3.—*Documents relative to land claims deposited continued.*

Narvaes, J. Augustin, Diseño Rio Sn. Juan, Bta., Dep., Feb. 14, 1850.

5.—*Record of grants, Book No. 2, Toma de Razon, continued.*

Date.	Claimant.	Locality.	No. of expediente.
1844	Nieto, Juan José .....	Los Coyotes .....	28
1844	Nieto, Manuela .....	Los Cerritos .....	29
1835	Noriega, José .....	Los Meganos .....	89

6.—*Unbound books, Toma de Razon, continued.*

	Claimant.	Locality.
	Noriega, José y R. Livermore .....	Las Pocitas.
	Noriega, José y J. T. Fernandez .....	Quito.

7.—*Registry of grants Toma de Razon, continued.*

Date.	Claimant.	Locality.	No. of expediente.
1844	Narvaez, Agustín .....	San Juan Bautista .....	7
1844	Narvaez, Pedro .....	Paso de Robles .....	8
1845	Nae, José de Jesus .....	Un sitio onmedo. a la Mision de Dols .....	19



REPORT OF THE COMMISSIONER OF  
CATALOGUE, &c.—Continued.

9.—Bundles of drafts of decrees to grants continued.

Date.	Claimant.	Locality.	No. of es- pediente.
	Bundle D: Nieto, J. M .....	Rancho de. Date of letters, 1833 .....	No. 1
	Nieto, M.....	Rancho de. 1796 .....	No. 23

1.—List of 580 complete expedientes continued.

Date.	Claimant.	Locality.	No. of es- pediente.
Sept. 19, 1833	Ontiveros, Patricio.....	Cajon de Sta. Ana.....	57
Aug. 1, 1834	Ortega, Ant. Ma .....	Ntra. Sra del Refugio .....	9
Sept. 15, 1836	Osuna, Juan Ma .....	San Diequito .....	72
Apr. 7, 1837	Olivera, Tomas .....	Tepusquet .....	110
Apr. 8, 1837	{ Olivera, Lucas..... } { Olivera, Ant .....	Jesus Maria.....	150
	{ Olivera, José Anto..... }		
Apr. 8, 1837	Olivera, Diego .....	Quadalupe .....	138
Dec. 28, 1837	Olivera, Martin .....	Cayucos .....	260
Sept. 12, 1840	Olivera, Anto .....	Casmali .....	209
Nov. 8, 1840	Ortega, José .....	Paj. del Pismo .....	214
July 9, 1841	Oliras, Raimundo .....	Immediato a Cerritos.....	241
Nov. 5, 1841	Ortega, J. Dolores .....	Cañada del Corral .....	261
Mar. 23, 1843	Ossa, Vicente .....	Caguenga y Verdugos .....	426
May 12, 1843	Osuna, J. M .....	San Alejo .....	529
Nov. 25, 1843	Ortega, J. Joaq .....	Valle de Pami .....	325
Nov. 30, 1843	Osio, Antonia M.....	Punta de Reyes .....	322
Dec. 26, 1844	Ortega, Emigdio and.....	Punta de la Laguna .....	410
Aug. 7, 1845	Odon .....	Escorpion .....	461
Aug. 11, 1845	Olvera, Agustin .....	Cuyamaca .....	464
Aug. 18, 1845	Osuna, Juan Ma .....	San Diequito .....	463
Sept. 23, 1845	Orosco, J. M .....	Cañada de Palomeca.....	468
Apr. 21, 1846	Olvera, Agustin .....	La Cienega .....	546
May 1, 1846	Osuna, Ramon .....	Valle de las viejas.....	509
May 1, 1846	Osuna, Leandro.....	Valle de las viejas.....	509
Feb. 23, 1844	Olvera, Agustin .....	La Paz .....	437
Nov. 9, 1844	Ortega, J. Joaq .....	Santa Isabel.....	391
Nov. 9, 1844	Osio, Anto. Maria .....	Aguas Frias.....	396

2.—List of 315 incomplete expedientes continued.

Prior to 1833, 1803.	Ortega, Igno., et al.....	Cañada de la Brea, carneadero .....	5
1814	Ortega, José de .....	See Expediente .....	6
1813	Ortega, Franco.....	Nuestra Sra del Refugio.....	7
1829	Osuna, Juan M .....	Cueros de Venado .....	19
1845	Ortega, Maria Isabel.....	See Expediente .....	28
1845	Ontiveros, Juan Pacifico .....	Paraje entre la Cañaa. verde y la de la Brea.	34
1837, 1839	Osio, Anto. Maria.....	Isla de los Angeles .....	35
1838	Olivera, Tomas .....	Alacopusque ó Ntra. Ira. de la Soledad..	73
1838-'39	Ossa, Vicente .....	Santa Anita .....	40
1840	Olivera, Lucas, Ant., y J. Ant.....	Jesus Maria.....	78
1840	Ortega, José Joaq .....	Los Alisos.....	139
1840	Oliras, Raimdo., y F. Lorensana .....	Saticoy .....	121
Towards '40, '41, '42.	{ Ontiveros, Pacifico..... }	See Expediente .....	83
	{ ..do .....		
	{ ..do .....		
	{ ..do .....		
1841	O'donojue, José Simon .....	One Sitio on lands of Sta. Buenava .....	115
1841	Osuna, Juan Maria .....	San Alejo y los Encinitos .....	123
1841	Olvera, Agustin .....	Vineyard of "El Carriso." .....	130
1841	Olvera, Agustin .....	A report .....	131
1841, 1842	Ossa, Vicente de la.....	San Pascual .....	149
1842	Olvera, Agustin .....	Mision vieja .....	155
1842	Osa, Vicente de la .....	Vineyard of San Gabriel .....	153
1843	Osa, Vicente de la .....	See Expediente .....	169
1843	Osuna, J. M., y A. Jbarra .....	do .....	181



## CATALOGUE, &amp;c.—Continued.

## 2.—List of 315 incomplete expedientes continued—Continued.

Date.	Claimant.	Locality.	No. of es- pediente.
1844	Ordas, Fray Blas.....	See expediente.....	191
1844	Ossa, Vicente de la.....	do.....	202
1845	Ortega, Francisco.....	Guastay.....	223
1845	Ossa, Vicente de la.....	See expediente.....	248
1845	Osa, Vicente de la.....	do.....	266
1846	O'Farrell, Gaspar.....	Valle de las Flores.....	274
1846	Osio, J. de Jesus, y N. Aldrade.....	Vineyard of San Vicente.....	273
1846	Osio, Josefa.....	Huerta de la Comanda. in S. Vichte.....	296

## 4.—Registry in Book No. 1 of sitios Fierros y Señales and ear marks continued.

Prior to 1833	Ortega, José Teo. de, y posteriormte. sus hereds.	Ntra Sra del Refugio grant by Borica....	60
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## 5.—Record of grants, book No. 2, Toma de Razon continued.

Date.	Claimant.	Locality.	No. of es- pediente.
1833	Ortega, Quintin.....	San Isidro.....	6
1833	Ortega, Ma. Clara.....	Parte del Rancho de S. Isidro.....	10
1833	Ortega, Ma. Isabel.....	Parte del Rancho de S. Isidro.....	11
1834	Ortega, José Joaquin.....	Potrero de Sta. Paula.....	43
1834	Ortega, Anto. Maria y Magda. Cota de Ortega.	Nra Sra del Refugio.....	44

## 7.—Registry of grants Toma de Razon continued.

1845	Olvera, Agustin.....	M. Va. de S. J. Capistrano.....	12
1845	Odon, Urbano y Manuel.....	El Escorpion.....	15
1845	Olvera, Agustin.....	Cuyamaca.....	16
1845	Osuna, Juan Ma.....	Un Sitio &.....	16
1845	Orosco, José Maria.....	Palomea, tres Sitios.....	16
1845	Olivera, Manuel d'.....	Casa en la Misn. de San Gabl. See let- ter D.	17

Bundles of drafts of decrees relative to grants continued. Blotters or drafts of titles and approvals continued.

	Bundle C: Osuna, Ramon, y Leandro.....	Valle de las Viejas, 1846.....	No. 9
	Orosco, José Ma.....	Giujite y Cañd. de Palomea.....	12

## 1.—List of 580 complete expedientes continued.

Date.	Claimant.	Locality.	No. of es- pediente.
Oct. 18, 1822	Peralta, Luis.....	Rancheria del Chino.....	186
June 10, 1833	Pacheco, Bartolo.....	San Ramon.....	50
June 10, 1833	Peralta, Domingo.....	Cañada del Corte de Madera.....	6
Nov. 26, 1833	Pacheco, Fco. Peres.....	Ausaymas.....	149
July 26, 1834	Pacheco, Salvio.....	Monte del Diablo.....	64
July 31, 1834	Pacheco, Juana S. de.....	Nueces y Bolbories.....	36
June 12, 1835	Peres, Jn. Crispin.....	Paso de Bartolo.....	61



1.—List of 580 complete expedientes continued—Continued.

Date.	Claimant.	Locality.	No. of es- pediente.
Apr. 16, 1836	Portilla, Silvestre de la .....	Valle de San José .....	155
May 7, 1836	Pacheco, Ignacio .....	Agua Caliente .....	165
Apr. 6, 1837	Pardo, Roberto .....	No name .....	67
Apr. 15, 1837	Palomares, Ignacio .....	San José .....	141
Nov. 13, 1837	Pacheco, Francisco Perez .....	Bolsa de San Felipe .....	212
Mar. 24, 1839	Prado, Juan del .....	San Anto .....	136
Apr. 10, 1839	Pacheco, J. Dolores .....	No name .....	128
Apr. 10, 1839	Pico, Anto. Ma .....	El Valle .....	126
Jan. 18, 1840	Pico, José de Jesus .....	Piedra blanca .....	189
May 21, 1840	Peralta, Sebastian .....	Los Gatos .....	206
June 4, 1840	Pico, José Anto .....	Agua Caliente .....	228
July 13, 1840	Piña, Gasaro .....	Agua Caliente .....	229
Sept. 24, 1840	Perez, José .....	San Pasqual .....	211
Oct. 3, 1840	Pacheco, Ignacio .....	San José .....	207
Mar. 29, 1841	Peña, José .....	Rincon de Sn. Francisquito .....	230
May 10, 1841	Pico, Pio .....	Santa Margarita .....	235
May 10, 1841	Pico, Andres .....	Santa Margarita .....	235
Sept. 30, 1841	Pope, Julian .....	Locoallomia .....	256
June 14, 1842	Pineda, Lorenzo .....	Cañada de las Uvas .....	286
May 16, 1843	Prospero .....	Cuati .....	533
Oct. 14, 1843	Piña, José G .....	Trabuco .....	312
Nov. 4, 1843	Pacheco, Juan Perez .....	San Luis Gonzaga .....	315
Nov. 30, 1843	Palomares, Igno .....	Corte de Madera .....	429
Feb. 13, 1844	Peralta, Ignacio .....	San Anto .....	345
Feb. 13, 1844	Pico, Antonio Maria .....	Pescadero .....	370
Mar. 23, 1844	Pacheco, Tomas .....	Los Cerritos .....	358
May 19, 1845	Pio .....	Ulistac .....	450
Sept. 23, 1845	Pedrorena, Ma. Anto .....	Cajon .....	467
Nov. 14, 1845	Pastor .....	No name .....	480
Nov. 25, 1845	Padilla, Juan N .....	Roblar de la Miseria .....	484
Dec. 23, 1845	Pico, Pio .....	Jamul .....	493
Jan. 14, 1846	Pedrorena, Miguel .....	San Jacinto nuevo .....	495
June 12, 1846	Padilla, Nepomuceno .....	Bolsa de Tamales .....	571
	Pico, Pio .....	Temecula .....	331
	Pico, Andres .....	Temecula .....	331

2.—List of 315 incomplete expedientes continued.

Prior to 1833, '26, '84, '90.	Perez Nieto, Manuel .....	La Zanja & Los Coyotes .....	1
1826	Peña, José, & J. A. Romero .....	Paraje del corral de Tierra .....	14
1836	President, or Alcalde, of the Ayuntam- to. of Monterey.	See expediente .....	29
1837	Perez, Juan, & M. A. Perez .....	Paraje de la Mision Vieja .....	37
1837	Pacheco, Ignacio .....	Dos sitios en la cañada de los Huilicos .....	38
1838	Pryor, N. Miguel .....	Suanga .....	39
1839	Pico, Filomena .....	Cañada de los Osos .....	45
Toward 1839	Pico, J. de Jesus .....	Santa Rosa .....	61
1840	Perez, Manuel Antonio .....	Cañada Vieja .....	84
1840	Peña, Jose .....	Arroyito del Matador .....	96
1840	Pacheco, Dols., & Fco. Palomares .....	Los Coches .....	106
1840	Palomares, Fco., & Pacheco, Dols .....		
1841	Pico, Andres .....	San Juan Capistrano .....	111
1841	Peña, Ricardo, <i>et al</i> .....		
1841	Palomares, Ignacio .....	Yucaipa .....	124
1841	Peña, José .....	A lot 80 vs. by 32 .....	138
Toward 1843	Pantaleon & Marcelino .....	See expediente .....	159
1843	Pascual, Cornelio, Marcelo y Gol. Ma .....	do .....	164
1845	Park, Tomas B .....	A tract 2 leagues long by from 500 to 2,000 vrs.	219

3.—Documents relative to land claims deposited continued.

Date.	Claimant.	Locality.	No. of es- pediente.
Dept., Feb. 7, 1852	Prudon, Victor, & M. Vaca, or Baca...	Lag. de Santos Calli .....	
Dept., Jan. 16, 1860	Piña, Joaqn .....	Punta de Los Lobos .....	
	Pico, Dolores .....	Bolsa de San Cayetano .....	



## CATALOGUE, &amp;c.—Continued.

## 4.—Registry to book No. 1, of Sitios Ferros y Señales and ear marks continued.

Date.	Claimant.	Locality.	No. of espediente.
Prior to 1833	Pico, Patricio, Jav. y Mig .....	S. J. de Garcia (a) Somi, 1795 .....	63
	Pico, Dolso., José y Vallejo Igno.....	Bolsa de S. Cayetano solaro afterwards, 1824.	34
	Pico, Pio .....	Jamul, 1831 .....	77
	Pardo, Roberto .....	Romulo (a) Los Alamitos fierro y señal, 1834.	68

## 5.—Record of grants, Book No. 2, Toma de Rason continued.

Date.	Claimant.	Locality.	No. of espediente.
1833	Pacheco Bartolo y Mno. Castro .....	San Ramon .....	9
1833	Perez Pacheco, Fco .....	Los Ausaymas .....	16
1834	Pacheco, Salvio .....	Mte. del Diablo .....	40
1835	Perez, Juan Crispin .....	Paso de Bartolo .....	64
1836	Portilla, Silvestre de la.....	Valle de San José.....	108
1836	Pacheco, Francisco .....	8 sitios, incluidos Los Ausaymas .....	101

## 6.—Unbound book, Toma de Rason continued.

1841	Peña, José.....	Rincon de San Francisquito .....	.....
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## 7.—Registry of grants, Toma de Rason continued.

1844	Peralta, Luis .....	San Antonio .....	5
1845	Pio, Marcelo y Cristobal .....	Ulistac .....	14
1845	Pastor y Elceario .....	800 varas .....	17
1845	Padilla, Juan Nepomo.....	Roblar de la Miseria .....	18
1845	Pico Pio.....	Jamul .....	19

## 8.—Documents relative to sales and cases of missions continued.

1846	Pico, Andres, y J. Manso.....	San Fernando, December 5.....	10
1846	Pico, J. A. & A. J. Cot.....	San Luis Rey, July 24 .....	3
1846	Pico, Andres .....	San Fernando.....	14

9.—Bundles of drafts of decrees relative to grants. *Espedientes.*

## Bundle A.—Espedientes:

Pacomio &amp; Brothers. See espediente No. 8.

Pico, Francisco, eight sitios on the margenes of San Joaquin and Calavares, No. 9.

*Blotters of drafts of titles and approvals of Assembly continued.*

## Bundle C.:

Peralta, D. &amp; Max. Martines, Cañada del Corte de Madera, No. 25.

## 1.—List of 508 complete espedientes continued.

Date.	Claimant.	Locality.	No. of espediente.
May 11, 1837	Quijada, Francisco.....	Bolsa del Chamisal .....	513
July 11, 1846	Quintana, Geronimo .....	Comate.....	577



REPORT OF THE COMMISSIONER OF  
CATALOGUE, &c.—Continued.

2.—List of 315 incomplete expedientes continued.

Date.	Claimant.	Locality.	No. of es- pediente.
Towards 1841	Quintana, Fco. Esteban .....	San Bernardino, vacant lands .....	150

9.—Bundles of drafts of decrees relative to grants continued.

Bundle B.:  
Quintana, Esteban, El Corralito, 1845, 1st book of Dec.

1.—List of 580 complete expedientes continued.

Date.	Claimant.	Locality.	No. of es- pediente.
Dec. 17, 1833	Romero, J. Ant .....	Plan del Fuego .....	336
May 5, 1833	Ruiz, Fran'co M .....	Sta. Ma. de los Peñasquitos .....	98
May 15, 1834	Rosas, Daniel .....	Montecito .....	28
Aug. 2, 1834	Rodriguez, Fco .....	Arroyo del Rodeo .....	105
Oct. 2, 1834	Read, Juan .....	Sansalito .....	27
1835	Ramirez, Angel .....	Cañada Honda .....	78
Apr. 8, 1836	Rodriguez, Damaso .....	Los Pilarcitos .....	66
Oct. 22, 1836	Rodriguez, Alejandro .....	Bolsa del Pajaro .....	108
Oct. 22, 1836	Rodriguez, Sebastian .....	do .....	108
Dec. 24, 1836	Rodriguez, Alejandro .....	Esteros .....	112
Oct. 28, 1837	Real, Fructuoso .....	Potrero .....	115
Nov. 6, 1837	Rodriguez, Sebastian .....	Bolsa del Pajaro .....	46
	{ Rodriguez, Ma. del C. ....	{ El Conejo .....	139
	{ Rodriguez, J. M. ....		
	{ Rodriguez, Felipe .....		
Jan. 17, 1839	{ Rodriguez, Carmen .....		
	{ Rodriguez, Antonio .....		
	{ Rodriguez, José .....		
	{ Rodriguez, Josefa .....		
	{ Rodriguez, Pilar .....		
1839	Rodriguez, Antonio .....	San Vicente .....	514
July 19, 1839	Reyes, Isidro .....	Sta. Monica .....	330
Oct. 22, 1839	Roldan, Maro. R .....	Habra .....	131
Jan. 7, 1840	Romero, J. Ant .....	Carmelo .....	193
Oct. 9, 1840	Roberto .....	Los Coches .....	210
Mar. 16, 1841	Rodriguez, Damaso .....	Slajomi .....	226
Apr. 16, 1841	Reid, P. Hugo .....	Santa Anita .....	240
Apr. 16, 1841	Reid, Perf. H. ....	do .....	436
July 31, 1841	Ruis, Joaquin .....	La Bolsa chiguita .....	244
Nov. 5, 1841	Ramires, J. M .....	1,000 vs. ....	257
Mar. 9, 1842	Roland, Juan .....	La Puente .....	270
Oct. 5, 1842	Rodriguez, José Ant .....	Cienega Pacines .....	296
Nov. 16, 1842	Rico, Francisco .....	San Lorenzo .....	316
Apr. 24, 1843	Roco, J. Ma .....	Cuyama .....	523
Nov. 2, 1843	Rodriguez, Ramon .....	Agua puerca y Francas .....	324
Mar. 12, 1844	Roberto .....	Los Coches .....	354
June 17, 1844	Ridley, Roberto T .....	Collayomi .....	383
July 25, 1844	Rodriguez, Damasco A .....	Lac .....	377
Sept. 2, 1844	Rodriguez, Jacinto .....	Pleito y Toros .....	421
July 18, 1845	Roman .....	Encino .....	458
July 18, 1845	Roque .....	do .....	458
July 22, 1845	Roland, Juan .....	La Puente S. Gabriel .....	544
Aug. 8, 1845	Rock, George .....	Guenoc .....	462
Oct. 30, 1845	Rufina .....	House .....	476
Mar. 21, 1846	Rodriguez, Ramon .....	San Miguelito .....	504
Apr. 8, 1846	Rufus, Ernest .....	Hermann .....	507
May 2, 1846	Roland, Juan .....	Stanislaus y San Joaq'n .....	548
May 6, 1846	do .....	Animas y Pala .....	551
July 1, 1846	Robbins, Tomas M .....	Las Pocitas .....	575
	Rodriguez, Alejandro .....	{ Salsipuedes .....	47
	Rodriguez, Brigido .....		
	Rodriguez, Sebastian .....		
	Richardson, G. A .....	Sausalito .....	111
	Ruir, José Pedro .....	Calleguas .....	148
	Rufus, Ernesto .....	Casadores (see No. 303, L. C) .....	



## CATALOGUE, &amp;c.—Continued.

## 2.—List of 315 incomplete expedientes continued.

Date.	Claimant.	Locality.	No. of es- pediente.
Prior to 1833,			
1803	Reyes, Fco.....	Cañada de la Laguna.....	4
1804	Ruis, José Manuel.....	Ensenada de Todos los Santos.....	8
1823	Redona, Baltasar.....	Cañada y Rancho de St. Maria.....	16
1826	Romero, J. H. y José Peña.....	Paraje del Corral de Tierra.....	14
1828	Romero, J. M., & J. J. Lugo.....	Cayeguas.....	18
1837	Rodriguez, Damaso Ant'o.....	Guichica.....	56
1838 & 1839	Rayales, Julian.....	} <i>et al.</i> Paraje de Sn. Bernard'o.....	50
1839	Rayales, Clandir.....		
1839	Redona, Marcelo.....		
1839	Rondon, Guadalupe.....		
1839	Robbins, Tomas M.....	Island of Sta. Catalina.....	79
1839	Rios, Santiago.....	San Mateo.....	72
1839	Romero, José Antonio.....	El Fucho.....	74
1840	Ramirez, Juan, y J. L. Vignes.....	Island of Sta. Catalina.....	79
1840	Romero, Mariano.....	Cañada de Palo escrito.....	81
1840	Rodriguez, Ramon.....	La Laguna.....	90
1840	Reyes, Antonio.....	El Torienfo.....	100
1840	Rojo, José Ma. y Fco. Vadillo.....	Los dos Pueblos.....	105
1841	Rios, y Ruiz, Jo'q'n, de los, <i>et al</i> .....	San Juan Capistrano.....	111
1841	Ruiz, Bernarda.....	Los dos Pueblos.....	113
1841	Ramirez, Juan.....	Island of S. Catalina.....	129
1842	Ramirez, Juan.....	Catruenga.....	156
Towards 1842	Rios, Petronilo.....	Addition to S. Bernabé.....	153
1843	Reyes, Isidro, <i>et al</i> .....	Sta. Monica.....	179
1843	Ramirez, José.....	A tract of land pertaining to Sn. Gabl.....	183
1844, 1845	Rolando, Juan, y J. Workman.....	See expediente.....	161
1844	Richardson, Guillo. A.....	See expediente.....	192
1844	Rodriguez, José Anto.....	Cienega de los Pacines.....	205
1844	Rainsford, Juan.....	Loconomo.....	234
1845	Robles, Secundini.....	A town lot in Santa Clara.....	229
1846	Rodriguez, Anto.....	La Carpinteria.....	277
1846	Reid, Perfecto Hugo.....	Quati, or Cuati.....	284
1846	Reguena, Manuel <i>et al</i> .....	Palos Verdes &.....	286
Towards 1846	Richardson, Guillo. Anto.....	See expediente.....	292
1846	{ Read, Guillermo..... } { Rios, Petronilo..... }	Ex. Mission of Sn. Miguel.....	294

## 3.—Documents relating to land claims deposited continued.

Date.	Claimant.	Locality.
	Rodriguez, Sebastian.....	Bolsa del Pajero, dep. Nov. 11, 1852.
	Rodriguez, Alejandro.....	El Encinalito, dep. April 12, 1850.
	Reading, Pearson B.....	Buenaventura, dep. Febry. 6, 1852.
	Rosa, José de la.....	Dep. Oct. 25, 1853.
	Richardson <i>et al</i> .....	Lots, dep. May 2, 1868.
	Richardson.....	Sausalito, dep. April 20, 1876.
	Robbins, Tomas M.....	Isla de Sta. Catalina, dep. April 12, 1850.
	Robbins, Tomas M.....	D'tto..... title... dep. Febry. 4, 1850.
	Richie, A. A.....	Suisun, Aug. 14, 1853.
	Reed, J.....	San Clemente, Nov. 6, 1878.

## 5.—Record of grants, book No. 2, Toma de Razon, continued.

Date.	Claimant.	Locality.	No. of es- pediente.
1833	Ramon, José Anto.....	Plan del Tneho.....	20
1844	Rodriguez, Fco.....	Arroyo del Rodeo.....	50
1844	Read, Juan.....	Coste de mada. del Presidio.....	54
1835	Ramirez, Angel.....	Cañada Honda.....	81
1835	Rodriguez, Ma. del C.....	El Conejo.....	69



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6.—Unbound books, Toma de Razon, continued.

Date.	Claimant.	Locality.	No. of es- pediente.
1842	Rico, Francisco .....	San Lorenzo.....	

7.—Registry of grants, Toma de Razon, continued.

1844	Roberto .....	Los Coches.....	6
1844	Ridley, Guillo. Tomas.....	Collayomi .....	8

Registry of grants, Toma de Razon, continued.

Date.	Claimant.	Locality.	Page, book 4.
1844	Reading, Pierson P .....	Seis sitios en el Rio Sacto .....	9
1844	Rodriguez, Jacinto .....	Terreno per el Rico Saco .....	10
1844	Ramon, Tiburcio y Fco .....	El Encino .....	15
1844	Reid, Perfecto Hugo.....	Tres sitios en Sta. Anita .....	12
1845	Roland, Juan, and J. Workman.....	La Puente .....	15
1845	Rock, George.....	Guenoc .....	16
1845	Romero, Feodo., and J. Morrillo .....	Potrero de Felipe Lugo, &c.....	13

8.—Documents relative to sales and cases of missions continued.

1846	Reid, Perfecto Hugo, and J. Workman .....	San Gabriel, June 8.....	21
1846	.....do .....	San Gabriel, July 31.....	22

9.—Bundles of drafts of decrees relative to grants continued.

Date.	Claimant.	Locality.	Num- ber.
	Bundle A: Residents of San Francisco de Asis (1844), relating to the incorporation of the mis- sion into a pueblo.	.....	10

Drafts of decrees relative to grants.

	Bundle B: Robles, J. Ant .....	4 suertes en Brancifirte, 1845, 1st book of decrees.	.....
	Reid, Perfecto H.....	3 sitios en Sta. Anita, 1845, sheet No. 3 ..	.....
	Roland, Juan .....	A grant mentioned, 1845, folio 13 .....	.....

Blotters of drafts of titles and approvals.

	Romuldo.....	500 vs., 1846 .....	5
	Rios, Santiago .....	San Mateo, 1842 .....	7
	Ridley, Tomas .....	Calloyomi, 1845.....	16
	Romero, José Anto.....	Las Salinas.....	25



## CATALOGUE, &amp;c.—Continued.

*Letters and loose papers relative to grants continued.*

Date.	Claimant.	Locality.	Number.
	Richardson .....	Grant to, 1826 .....	4
	Rios, Santiago .....	San Mateo, 1839 and 1840 .....	14
	Richardson, Gmo .....	Terrenos en la costa N. O., 1844 .....	21
	Roberto (Indian) Sta. Clara .....	.....	27

## 1.—List of 580 complete expedientes continued.

Date.	Claimant.	Locality.	No. of expediente.
May 18, 1833	Sebet, Pedro J .....	Corral de Tierra .....	59
June 13, 1834	Saens Domingo .....	Cañada de Herrera .....	167
Nov. 29, 1834	Spence, David E .....	Encinal .....	94
Aug. 27, 1835	Soto, Joaquin .....	Cañada de Carpenteria .....	4
Sept. 18, 1835	Sanchez, José .....	Burreburi .....	20
Oct. 10, 1835	Sanchez, J. M. ....	Llano del Tequesquite .....	49
Dec. 1, 1835	Soto, Frco .....	San Vicente .....	70
April 1, 1836	Servantes, Cruz .....	San Joaquin .....	156
April 29, 1836	Serrano, Rafaela .....	La Soledad .....	43
May 18, 1837	Sanchez, Juan .....	Santa Clara al Norte .....	140
Dec. 20, 1837	San José .....	Fundo Legal .....	339
Feb. 20, 1839	Sanchez Guillermo .....	Arroyo de la Laguna .....	120
Apr. 8, 1839	Sepulveda, José .....	(April) Cienega de las Ramas .....	338
June 8, 1839	Snook, José .....	Tamales .....	178
Oct. 21, 1839	Sepulveda, Encarnacion .....	Aguages .....	183
Apr. 22, 1840	Sepulveda, Ignacio .....	San Marcos .....	205
Sept. 24, 1840	Sepulveda, Henrique .....	San Pascual .....	211
June 15, 1841	Soberanes, Ma. Josefa .....	Coches .....	239
June 16, 1841	Soberanes, M .....	San Bernardo .....	238
Aug. 9, 1841	Soberanes, Feliciano .....	San Lorenzo .....	248
Jan. 28, 1842	Solano, Fco .....	Suisun .....	266
Feb. 16, 1842	Snook, Fco .....	San Bernardo .....	267
Apr. 5, 1842	Soberanes, Maro .....	Los Ajitos .....	275
May 13, 1842	Serrano, José .....	Cañada de los Alisos .....	274
May 13, 1842	Sepulveda, José .....	Bolsa de San Joaquin .....	279
June 23, 1842	Sepulveda, Dom .....	San Berndo .....	283
Aug. 20, 1842	Soto, Joaquin .....	El Piojo .....	292
Oct. 10, 1842	Soto, Francisco .....	San Lorenzo .....	299
May 15, 1843	Samuel .....	No name .....	427
May 16, 1843	Sanchez, Vicente .....	Cienega y Fijeras .....	532
Nov. 25, 1843	Stokes, Eduardo .....	Valle de Pamo .....	325
Dec. 8, 1843	Sparks, Isaac, 1 .....	Huasna .....	321
Jan. 8, 1844	Shelden, o Sheldon, Joaqn .....	No name .....	328
Sept. 14, 1844	Smith, Esteban .....	Bodega .....	308
Sept. 26, 1844	Santa, Ines .....	.....	368
Sept. 26, 1844	Seminario, de Nbra. Igo. de Guadalupe .....	Santa Ines .....	540
Oct. 8, 1844	Soto, Casilda .....	No name .....	386
Oct. 16, 1844	Sainserain, Pedro .....	No name .....	401
Nov. 9, 1844	Stokes, Eduardo .....	Santa Isabel .....	391
Nov. 9, 1844	Serrano, José Anto .....	Paoba .....	393
Nov. 14, 1844	Sanchez, Ramona .....	Bolsa del Butano .....	385
Dec. 21, 1844	Soto, Josefa .....	No name .....	412
Apr. 18, 1845	Sales, Francisco .....	do .....	443
Apr. 18, 1845	Sales, Manuel .....	do .....	443
Sept. 24, 1845	Scott, Diego, and I. Wilson .....	Oso, Pecho é Islai .....	470
Oct. 10, 1845	Scott, Wilson .....	Cañada del Chorro .....	474
Nov. 22, 1845	Sais, Maximo .....	Santa Gertrudis .....	482
Nov. 25, 1845	Sanchez, Hilaria .....	Temalpais .....	441
Dec. 4, 1845	Smith, Esteban .....	Two lots in Yerbabuena .....	487
Mar. 17, 1856	Stearns, Abel .....	Los Vallecitos .....	502
Apr. 21, 1856	Sainserain, Pedro .....	Molino .....	508
May 27, 1856	Serrano, José .....	Los Alisos .....	558
June 1, 1856	Simeon .....	500 varas .....	563
June 3, 1856	Sepulveda, Juan .....	Palos Verdes .....	565
June 8, 1856	Sepulveda, Franco .....	Lot in suit .....	568
June 15, 1856	Sepulveda, Vicente .....	La Sierra .....	543
	Sheldon, Joaqn .....	Cosumenes .....	423
	Sornosa, Anto. Ma .....	La Paz .....	437
	Soto, Francisco .....	San Vicente .....	88
	Sutter, J. A .....	Once Sitios .....	250
March 7, 1840	Sepulveda, Fran'co .....	Sta. Monica .....	357



REPORT OF THE COMMISSIONER OF  
CATALOGUE, &c.—Continued.

2.—List of 315 incomplete expedientes continued.

Date.	Claimant.	Loca	No. of es- pediente.
Prior to 1833, 1821	Soberanes, Mariano.....	Opinion relative to sale of Rancho de Buenavista.	11
	Stearns, Abel y J. A. Carrillo .....	100 by 100 varas .....	24
1836	Sepulveda, José .....	La cienega en los Alisos .....	31
	{ Sepulveda, Ignacio .....		
	{ Serrano, José .....		
1838 and 1839	{ Silvas, Mariano .....		
	{ Silvas, Francisco <i>et al</i> .....	Paraje de San Bernardino .....	50
	{ Silvas, Juan .....		
	{ Sabino, Teodoro .....		
	{ Smith, Guillermo .....		
1839	Sanchez, Gill .....	Arroyo de las Animas .....	59
1839	Sepulveda, Henrique .....	Rincon de San Pascual .....	49
1839	Sanchez de Haro, Emiliana .....	Addition to Laguna de la Merced .....	62
1839	Sanchez, Vicente .....	Bolsa de Gongra .....	64
1839	Sparks, Isaac I .....	Some vacant land in land at S. L. Obispo .....	67
1840	Sepulveda Henrique .....	See expediente .....	77
1840	Soto, Lorenzo .....	La Laguna .....	80
	Sepulveda, José .....	Los Alisos de San Juan .....	95
	Silvestro y Aniceto .....	San Lorenzo .....	97
1840, '41, '42	{ Sanchez, Colima <i>et al</i> .....		
	{ do .....	See expediente .....	82
	{ do .....		
1841	Silvas, Carlos .....		
1841	Silvas, Ramon <i>et al</i> .....	San Juan Capistrano .....	111
1841	Silvas, Francisco .....		
1841	Serrano, José .....	See expediente .....	120
1841	Sepulveda, heirs of .....	Amplification of Palos Verdes .....	154
1842	Soto, Teodora .....	Cañada del Hambre .....	144
1843	Sepulveda, José .....	Bolsa de San Joaquin .....	503
1843	Soberanes, Ma. Josefa .....	See expediente .....	160
1843	Soberanes, Felico. y E. de la Forre .....	do .....	165
1843	Soberanes Ecequiel .....	Santa Isabel .....	174
1843	Sepulveda, Franco. <i>et al</i> .....	Santa Monica .....	179
1843	Sinclair, Juan .....	San Juan .....	185
1843	Sill, Daniel .....	See expediente .....	187
1844	Soto, Franco .....	do .....	195
1844	Suñol, Antonio .....	Valle de San José .....	197
1844	Sainz, Juan Maria .....	Tres Sitios .....	208
1845	Smith, Juan Migl. Nye .....	Yuba .....	210
1845	Serrano, José Anto .....	Pauma .....	214
	Soto, José .....	Some land pert'g to the Mn. of S. José .....	222
	Serrano, Nestor .....	See expediente .....	228
1845	Sanchez, José J. J. Ma. Alvisu .....	San Mateo .....	233
1845	Sanchez, Vicente y Juan .....	Saltico .....	251
1845	Soto, Maria Josefa .....	See expediente .....	257
1845	Stearns, A., vs. Ma. Ru. Valdez de Valle .....	See expediente .....	264
1846	Sais, J. Domo. y P. Gastelun .....	Santo Tomas .....	279
1846	Sparks, Isaac I .....	Huasma .....	285
1846	Stearns, Abel, <i>et al</i> .....	Palos Verdes .....	286
1846	Smith, Esteban .....	See expediente .....	301
	Sanchez, Manuel .....	Cañada de Guad. Visitac y Rincon de Salinas .....	302
	San Luis Obispo Church .....	La Laguna .....	314

3.—Documents relative to land claims deposited continued.

Soberanes and Hartnell .....	Alisal Dep., March 31, 1874 .....
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4.—Registry in book No. 1 of Sitios Tierros y Señales and ear marks continued.

Prior to 1833, 1823, and 1824.	{ Soberanes, Felico. y Mariano .....	Rancho del Sausal .....	32
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## CATALOGUE, &amp;c.—Continued.

## 5.—Record of grants book No. 2, Toma de Razon, continued.

Date.	Claimant.	Locality.	No. of es- pediente.
1833	Soberanes, Feliciano y Mno .....	El Alisal .....	5
1844	Soberanes, Feliciano y Mno .....	do .....	33
1844	Sanchez de Pacheco, Juana .....	Terro. entre el Arroyo de las Nueces y la Sierra de los Golgonos.	42
1844	Spence, David Esteban .....	Rincon de Ba. Esperanya .....	58
1835	Soto, Joaquin .....	Cañada de la Carpenteria .....	73
1835	Sanchez, José .....	Buriburi .....	72
1835	Sanchez, José Ma .....	Slano del Tequesquite .....	78
1835	Soto, Fco .....	San Vicente .....	91

## 7.—Registry of grants, Toma de Razon, continued.

1844	Shelden, Toag .....	Rio de los Cosumenes, 5 sitios .....	4
	Smith, Esteban .....	Bodega .....	4
	Seminario de Sta. Ines .....	Aumento .....	9
	Smith, Esteban .....	Bodega .....	8
	Seminario de Sta. Ines .....	6 sitios en las Cañadas de S. ....	6
	Soto, Josefa .....	4 sitios en las rivs. del Sacto .....	10
1845	Sales, Manuel .....	400 by 200 varas .....	13
	Sales, Franco .....	350 by 200 varas .....	13
	Scott, Diego and J. Wilson .....	Cañada de los Osos, Pecho é Islai .....	16
	do .....	Cañada del Chorro .....	17
	Sais, Maximo .....	Sta. Gertrudis .....	18
	Snook, José Francisco .....	2 sitios y ampliacion .....	14
	Serafin de Jesus .....	200 varas en cuadro .....	18
	Smith, Esteban .....	2 solares en Yerbabuena .....	18

## 8.—Documents relative to sales and cases of missions continued.

1846	Scott, Wilson and McKinley .....	San Luis Obispo, December 2 .....	-----
	Soberanes, Felico .....	La Soledad, January 4 .....	-----
1846	Scott, William and McKinley .....	San Luis Obispo .....	2
1846	Soberanes, Felico .....	La Soledad .....	2

## 9.—Bundles of drafts of decrees relative to grants continued.—Espedientes.

Date.	Claimant.	Locality.	No. of es- pediente.
	Bundle A:		
	Sais, José Domo. y P. Gastelum .....	Santo Tomas, 1846 .....	6
	Sepulvedo, Fco .....	San Vicente y Sta. Monica .....	357

## Drafts of decrees relative to grants continued.

	Bundle B:		
	Sales, Manuel .....	Terrenos cerca de Sn. Gabriel, 1845, sheet	No. 9.
	Sales, Fco .....	ditto ditto " "	ditto
	Scott, Diego & J. Wilson .....	Cañada de los Otos, Pechoé Islai, 1845, folio	23.

## Drafts of titles and approvals continued.

	Bundle C:		
	Sanchez Colima Tomas .....	Ampliacion, &c., 1846 .....	15



## CATALOGUE, &amp;c.—Continued.

*Letters, loose papers relative to grants, continued.*

Date.	Claimant.	Locality.	No. of es- pediente.
	Bundle D:		
	Sanchez, J .....	Rio de Bariburi, date of paper, 1829 .....	11
	Soto, Lazaro .....	Cañada de la 2da .....	13
	Sepulveda, Fca .....	San Vicente, 1840 .....	28

*1.—List of 580 complete expedientes continued.*

Date.	Claimant.	Locality.	No. of es- pediente.
Aug. 13, 1835	Tapia, Gregorio .....	Aguajito .....	5
Apr. 6, 1837	Ticó, Fernando .....	Ojay .....	142
Aug. 20, 1839	Torre, Gabriel .....	Zangines .....	169
Nov. 27, 1839	Talamantes, Tomas .....	Bellona .....	184
Nov. 30, 1840	Torre, Joaqn. de la .....	Arroyo Seco .....	302
Nov. 30, 1843	Tapia and al. ....	Corte de Madera .....	429
Dec. 20, 1844	Thomas, R. H. ....	Sancos .....	404
Dec. 20, 1844	Toomes, A. G. ....	Rio de los Molinos .....	405
July 18, 1845	Tiburcio .....	Encino .....	458
Oct. 24, 1845	Tico, Fernando .....	400 varas .....	553
Dec. 4, 1845	Torres, Manuel .....	Muñiz .....	488

*2.—List of 315 incomplete expedientes continued.*

1839	Tapia, Tiburcio .....	Cucamonga .....	52
1843	Torre, Est. de la and F. Soberanes .....	See expediente .....	165
Before 1843	Ticó, Joaqn. and Fco. Maroni .....	Gueneguel .....	176
1843	Ticó, Fernando .....	Ojai .....	188
1844	Triunfo, José Miguel .....	See expediente .....	203
1844	Talamantes, Juan .....	do .....	207
	Temple, Fco. P. et al .....	Palos verdes .....	286
	Talamantes, Tomas .....	San Vicente .....	290

*4.—Registry in book No. 1 of Sitios Terrenos of señales and ear marks continued.*

Date.	Claimant.	Locality.	No. of es- pediente.
	Torre, José J. de la .....	Bolsas del Potrero y Moro Cojo, 1822 .....	42

*5.—Record of grants book No. 2, Toma de Razon, continued.*

1835	Torre, Gabriel de la .....	Sur Chiquito .....	90
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*7.—Registry of grants Toma de Razon continued.*

1845	Tiburcio, Roman y Franciseo .....	El Encino .....	15
1845	Torres, Manuel .....	Muniz .....	18

*8.—Documents relative to sales and cases of missions continued.*

	Temple, J. ....	La Purisima, December 2 .....	
	do .....	La Purisima, December 6 .....	13



## CATALOGUE, &amp;c.—Continued.

## 9.—Bundles of drafts of decrees relative to grants continued.

Date.	Claimant.	Locality.	No. of es- pediente.
	Bundle B: Talamantes, Felipe .....	Un solar, 1845 (1st Book of Decrees) .....	
	Blotters or drafts of titles and approvals .....	.....	
	Bundle C: Tico, Fernando .....	400 varas, 1846 .....	3

*Letters and loose papers relative to grants.*

	Bundle D: Toomes, Albert G .....	Rancho del Rio de los Molinos, 1845 .....	18
	Thomas, Robert H .....	Rancho de los Saucos, 1845 .....	18

## 1.—List of 580 complete espedientes continued.

Date.	Claimant.	Locality.	No. of es- pediente.
Apr. 27, 1843	Urista, Santiago .....	Pecho é Islay .....	524
Feb. 17, 1844	Ursua, Julian .....	Ianocha de San Juan .....	348
July 2, 1844	Urista, Santiago .....	400 varas .....	539
Aug. 7, 1845	Urbano .....	Escorpion .....	461

## 2.—List of 315 incomplete espedientes continued.

Date.	Claimant.	Locality.	No. of es- pediente.
1842	Urquides Tomas y J. Moreno .....	El Alamo .....	177

## 7.—Registry of grants Toma de Razon continued.

1845	Urbano, Odon y Manuel .....	El Escorpion .....	15
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## 1.—List of 580 complete espedientes continued.

Date.	Claimant.	Locality.	No. of es- pediente.
Nov. 26, 1833	Vasquez, Felipe .....	Bolsa de las Sabinas .....	83
Jan. 8, 1834	Vanegas, Cosme .....	La carpenteria .....	89
July 7, 1834	Vanegas, Pablo .....	Santa Anita .....	55
Aug. 1, 1834	Valencio, Cand'o .....	Acalanos .....	35
Jan. 26, 1835	Vazquez, Felipe .....	Agua caliente .....	89
Nov. 6, 1835	Vazquez, Hermenegildo .....	500 varas .....	151
Nov. 15, 1835	Vazquez, Felipe .....	Chamisal .....	128
Feb. 23, 1836	Valle, Ignacio del .....	Santa Rosa .....	151
Apr. 15, 1836	Vejaro Bejar Ricardo .....	San José .....	143
Nov. 20, 1836	Villagran, J. Mig .....	Arroyito .....	118
July 17, 1838	Villa, Francisco .....	2,000 varas, San Pascual .....	250
Jan. 1, 1839	Vallejo, Salvador .....	Napa .....	204
Jan. 22, 1839	Valle, Antonio del .....	Camulos .....	319
Mar. 21, 1839	Villavicencio, Rafael .....	Cañada del Portezuelo .....	199
Oct. 5, 1839	Vasquez, Tiburcio .....	Corrol de Tierra .....	176
Dec. 30, 1840	Vallejo, José de Jesus .....	No name .....	210
June 5, 1842	Vioget, Juan .....	As per sketch .....	284
June 6, 1842	Vaca, J. M'l .....	Lihuaytas .....	425



## CATALOGUE, &amp;c.—Continued.

*List of 580 complete expedientes continued.*

Date.	Claimant.	Locality.	No. of espediente.
June 21, 1842	Valencia, M. M'la .....	Cañadas del Pinol .....	284
July 12, 1842	Villavicencio, J. M. ....	Corral de Piedra .....	237
July 24, 1842	Villavicencio, Rafael .....	San Geronimo .....	290
Aug. 8, 1842	Vallejo, J. de Jesus .....	Arroyo de la Alameda .....	318
Apr. 27, 1843	Vadillo Francisco .....	Veche de Islay .....	524
Oct. 22, 1843	Vallejo, Mariano G. ....	Petaluma .....	306
Nov. 24, 1843	Valle, Ignacio del .....	Tejon .....	327
Dec. 14, 1844	Valdez, Felix .....	Temecula .....	398
Mar. 15, 1845	Valencia Ramon .....	No name .....	434
May 24, 1845	Villa, Antonio Ma. ....	Tequepis .....	451
Aug. 30, 1845	Vaca, Manuel .....	Las Putas .....	465
	Vazquez, Felipe .....	Pilarcitos .....	104

*2.—List of 315 incomplete expedientes continued.*

1838 and 1839	Vejar o Bejar, Emigdio, Vejar o Bejar, Pablo, Valenzuela Francisco, <i>et al.</i>	Varaje de San Bernardino .....	50
Towards 1840	Vidal .....	.....	.....
1840	Vallejo, I. de Jesus .....	1,000 varas per side of a square .....	75
1840	Vignes, J. Luis and J. Ramires .....	Island of Sta. Catalina .....	79
1840	Vadillo, F'co and J. M. Rojo .....	Los dos Pueblos .....	105
1841	Verdugo, Manuel, <i>et al.</i> .....	San Juan Capistrano .....	111
1841	Villavicencio, Isidro and J. Anto .....	Corral de Piedra .....	114
1841	Verdugi, Julio .....	See espediente .....	125
1841	Vioget, Juan .....	A tract of land near the mission of Dolores .....	128
1842	Verdugo, Ma. Igna. and J. A. Felis .....	Rancho de los Feliz .....	145
1843	Villa, Francisco, and J. Gallardo .....	200 varas in the Cañada of S. Pascual .....	147
1843	Valle, Tomas del .....	La Lietre .....	168
1843	Vallejo, Salvador, and J. P. Leise .....	Rancho de Nocasio .....	171
1843	Vignes, J. L. ....	See espediente .....	175
1843	Vejar o Bejar, Emigdio, and J. Avila ..	Desechos de San Mateo .....	182
1843	Vioget, Juan .....	See espediente .....	186
1843	Vasques del Mercado Tray, J. Ma. in behalf of the Neophytes of Sta. Clara.	Unoccupied lands of Sta. Clara .....	193
1844	Verdujo, Julio .....	See espediente .....	198
1845	Vignes, J. L. ....	See espediente .....	211
1845	Vanela, Ignacio, and L. Cota .....	Las Palomas .....	216
1845	Valenzuela, José Sabas .....	300 by 400 varas .....	217
1845	Vejar o Bejar, Emigdio y J. Ma. Avila ..	Corte de Madera .....	230
1845	Valdez, Ramon .....	A tract of land near the Rancho de S. Marcos .....	238
1845	Valenzuela, Felipe, and A. Duarte .....	A lot in the mission of San Gabriel .....	239
1845	Valenzuela, Joaquin .....	400 by 200 varas on mission of San Gabriel ..	240
1845	Valdez, Inocente y José Maria .....	A part of the vineyard of San Gabriel ..	244
1845	Valdes de Villa, Ma. Rita .....	See espediente .....	264
	Vallejo, José de Jesus .....	About renting the mission of San José ..	307

*3.—Documents relative to land claims deposited continued.*

Date.	Claimant.	Locality.
	Vallejo, Salvador <i>et als.</i> .....	Lupyomi, on Clear Lake, deposited by J. S. Berroyesa, November 13, 1855.
	Vallejo, M. G. ....	1,500 vara, lot Fort Point, November 30, 1876.

*4.—Registry in book No. 1 of Sitios Fierros y Senales and ear marks continued.*

Date.	Claimant.	Locality.	No. of espediente.
	Vallejo, Ignacio y J. ó D. Pico .....	Bolsa de Sn. Cayetano, 1824 and before .....	34



## CATALOGUE, &amp;c.—Continued.

5.—*Record of grants, book No. 2, Toma de Rason, continued.*

Date.	Claimant.	Locality.	No. of es- pediente.
1834	Vallejo, José de Jesus, per los Hereds. de la Testama. de Ignacio Vallejo.	Bolsa de San Cayetano .....	55
1834	Vallejo, Mno. Guadalupe .....	Petaluma .....	32
1834	Valencia, Candelario .....	Los Acalanes .....	48
1835	Vallejo, Josefa, a membre de sus hijos, José Anto. y Joaq. Estrada.	El Chualar .....	60
1835	Vasques, Hermenegildo .....	500 varas en las inmedac's del Rio del Pajaro.	83
1835	Vasques, Felipe .....	Chamisal .....	85
1836	Valle, Ignaco. del .....	Santa Rosa .....	96

6.—*Unbound book, Toma de Rason, continued.*

	Vallejo, José de Jesus .....	Arroyo de la Alameda .....	42
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7.—*Registry of grants, Toma de Rason, continued.*

1845	Valencia, Ramon, su padre y su Ferm'o....	700 varas per 400 .....	12
	Villa, Joaquin .....	Dos sitios .....	14
	Vaca, J. M. y J. F. Armijo .....	Los Vutos .....	16
	Vejar ó Bejar, Emigdio (see letter B) .....	Boca de San Juan .....	13

9.—*Bundles of drafts of decrees relative to grants continued—espedientes.*

	Bundle A: Valle, Anto. del .....	San Francisco .....	171
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*Drafts of decrees relative to grants.*

	Bundle B: Valdez, Felix .....	Temecula, 1845, sheet 7 .....	
	Valdez, Felix .....	Temecula, 1845, folio 12 .....	

*Blotters of drafts of titles and approvals of assembly.*

	Bundle C: Villa, Glenferio .....	Suerte en el Tucho, 1840 .....	17
	Valdes, Felix .....	Temecula, 1844 and '45 .....	21

*Letters and loose papers relative to grants continued.*

	Bundle D: Valdes, Luis .....	Rancho de Temecula; date of letter, 1845 ..	16
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1.—*List of 580 complete espedientes continued.*

Date.	Claimant.	Locality.	No. of es- pediente.
Nov. 20, 1837	Wilson, Juan .....	Guilicos .....	109
Nov. 2, 1840	West, Marcos .....	No name .....	213
May 24, 1840	Wolfskill, Guillermo .....	Rio de los Putos .....	281
Feb. 20, 1844	Welsh, Guillermo .....	Las Juntos .....	344
Nov. 28, 1844	Warner, Juan .....	Valle de San José .....	407
July 22, 1845	Workman, J .....	La Ptā. de San Gabriel .....	544



REPORT OF THE COMMISSIONER OF  
CATALOGUE, &c.—Continued.

Date.	Claimant.	Locality.	No. of es- pediente.
Sept. 24, 1844	Wilson, Juan V .....	Otos Pecho é Islai .....	470
Oct. 10, 1844	Wilson, Scott .....	Cañada del Chorro .....	474
Aug. 1, 1846	Warner, Juan .....	Camajol y Palomar .....	579
Apr. 1, 1846	Williams, Julian .....	Rancho Williams .....	522

2.—List of 315 incomplete expedientes continued.

1841	Wilson, Edwards .....	5 Leguas .....	136
1843, '45	Workman, J. and J. Roland .....	See expediente .....	161
1845	William, Julian, and Weaver, Paulino .....	San Gorgonio .....	249

7.—Registry of grants, Toma de Razon, continued.

Date.	Claimant.	Locality.	No. of es- pediente.
1844	Welk, Guillermo .....	Las Juntas .....	5
1845	Workman, J. y Roland, J. ....	La Puente .....	15
	Wilson, J. and D. Scott .....	Cañada de los Otos, Pecho é Islay .....	16
	Wilson, J. and D. Scott .....	Cañada del Chorro .....	17

8.—Documents relative to sales and cases of missions continued.

Date.	Claimant.	Locality.	No. of es- pediente.
June 8, 1846	Wilson, Scott & McKinley .....	San Luis Obispo. Dec .....	2
	Workman, J., y Perf. H. Reid .....	San Gabriel .....	21
	Wilson, Scott & McKinley .....	San Luis Obispo .....	2

9.—Bundles of drafts of decrees relative to grants.

Feb. 23, 1845	Bundle B: Wilson, J. & D. Scott .....	Cañada de los Otos, Pecho é Islay .....	
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1.—List of 580 complete expedientes continued.

Aug. 1, 1834	Yorba, Bernardo .....	Cañon .....	34
Feb. 21, 1836	Yount, J. de la C .....	No name .....	154
May 6, 1836	Yorba, Isabel .....	Guadalaxa .....	14
Apr. 6, 1837	do .....	do .....	145
Oct. 23, 1843	Yount, J. C .....	Iota .....	310
Jan. 29, 1846	Yorba, Ramon .....	Mission Viega de San Miguel .....	498
May 26, 1846	Yorba, Teodosio .....	Santiago .....	559
June 15, 1846	Yorba, Bernardo .....	La Sierra .....	543

2.—List of 315 incomplete expedientes continued.

1836 to 1840	Yorra ó Yorba Tomas Anto .....	See expediente .....	17
	Yorba, Tomas A .....	do .....	30
1839	Yorba ó Yorba Tomas Ant .....	La Cienega .....	41
1840	Yorba, Isabel .....	Addtion to Guadalaxa .....	92
1840	Yorba, Teodosio .....	Arroyo Seco .....	103
1843	Yorba, Tomas Anto .....	Santa Ana y Las Ranas .....	189



## CATALOGUE, &amp;c.—Continued.

## 4.—Registry in book No. 1 of sitios, Fierros y Senales and Ear Marks, continued.

Date.	Claimant.	Locality.	No. of espediente.
	Yorba ó Yorva, Antonio .....	Santiago. 1810. ....	64

## 6.—Unbound book, Toma de Razon, continued.

1834	Yorba, Bernardo .....	Cañon de Sta. Ana .....	45
1836	Yount, Jorge de la C .....	Terreno .....	94
1836	Yorba, Isabel .....	Guadalaxa .....	111

## 9.—Bundles of drafts of decrees relative to grants continued.

Date.	Claimant.	Locality.	No. of espediente.
	Bundle C: Yorba Bernardo .....	Cañon de Sn. Anto .....	225

## 2.—List of 315 incomplete espedientes continued.

Date.	Claimant.	No. of espediente.
1843	Zalvidea, Fray José Ma., in behalf of the Indians of San L. Rey, Caucamy Paoma..	206

*Alphabetical list of names of ranchos, the claims of which have been acted upon by the former governments.*

[No. 1 refers to column of 580 complete espedientes; No. 2 refers to column of 315 incomplete espedientes; No. 3 refers to column of espedientes deposited under the American Government; No. 4 refers to column of book of iron brands and ear marks; No. 5 refers to column of records of grants book No. 2; No. 6 refers to column of unbound book Toma de Razon; No. 7 refers to column of registry of grants; No. 8 refers to column of sales and leases of missions; No. 9 refers to column of bundles A, B, C, D of drafts of decrees relating to grants.]

Name of ranch.	Claimant.	Number of varas.
Acalanes .....	Candelario Valencia .....	35. 1
Acalanes, Los .....	do .....	48. 5
Agua, Caliente .....	Falg. Higuera .....	125. 1
Do .....	Ignacio Pacheco .....	165. 1
Do .....	Lazaro Piña .....	229. 1
Do .....	L. Anto. Pico .....	228. 1
Do .....	Felipe Vasquez .....	85. 1
Aguage, del Centinela .....	Ignacio Machado .....	394. 1
Agua, hedionda .....	L. M. Marron .....	295. 1
Aguage, del Centinela .....	Ignacio Machado .....	9. 7
Aguages .....	Encarnacion Sepulveda .....	183. 1
Aguagito .....	Gregorio Tapia .....	5. 1
Agua, Puerca y Fcas .....	R. Rodriguez .....	324. 1
Agua, Trias .....	Ant. Ma. Osio .....	396. 1
Alacopusque, o Ntra. Srã. de la Soledad .....	Tomas Olivera .....	73. 2
Alamo, El .....	Carmen Dominguez .....	297. 2
Do .....	Juan Moreno y T. Urquides .....	177. 2
Alamos .....	J. Anto. Guerra .....	132. 1
Alamos, y Agua Caliente .....	Pedro Carillo .....	307. 1
Do .....	Tco. R. Lopez, J. Jordan y V. Botiller ..	560. 1
Alamos, Gos y Agua Caliente .....	Luis Jordan .....	. 9
Alisal, El .....	Guillermo Ed. Hartnell .....	34. 5
Do .....	Feliciano y Mno. Soberanes .....	5 & 33. 5
Alisos, Los .....	Guadalupe Castro .....	297. 2
Do .....	José Joaqn. Ortega .....	139. 2
Do .....	José Serrano .....	558. 1
Alisos, de San Juan, Los .....	José Sepulveda .....	95. 2
Animas, y Pala .....	J. Rolando y L. Arenas .....	551. 1
Aptos .....	Rafael Castro .....	79. 1



## CATALOGUE, &amp;c.—Continued.

*Alphabetical list of names of ranchos, &c., continued.*

Name of ranch.	Claimant.	Number of varas.
Aptos .....	Rafael Castro .....	12.5
Aromitas, Las .....	Juan Ansar ó Anzar .....	82.1
Aromitas y Agua Caliente .....	Juan Ansar .....	77.5
Arroyito .....	J. Miguel Villagraro .....	113.1
Arroyito del Matadero .....	José Peña .....	96.2
Arroyo Chico .....	E. A. Farwell .....	359.1
Do .....	Eduardo A. Farwell .....	6.7
Arroyo de la Alameda .....	J. de Jesus Vallejo .....	318.1
Do .....	José de Jesus Vallejo .....	.6
Arroyo de la Laguna .....	Gil Sanchez .....	120.1
Arroyo de las Animas .....	do .....	59.2
Arroyo de los Berrendos .....	Francisco Dye .....	9.7
Arroyo del Rodeo .....	Francisco Rodriguez .....	105.1
Do .....	do .....	50.5
Arroyo de San Antonio .....	Juan Miranda .....	397.1
Arroyo de San Luisito .....	Vicente Cané .....	192.1
Arroyo de Santiago, Sitio del .....	Pablo Grijalba .....	3.2
Arroyo Grande .....	Ceferino Carlon .....	273.1
Arroyo Hondo, Las Fleres .....	J. M. Berdugo ó Verdugo .....	.9
Arroyo Seco .....	Teodozio Yerba .....	108.2
Do .....	Joaquin de la Torre .....	302.1
Asuncion, La .....	Pedro Estrada .....	455.1
Asuncion, Terreno de la .....	do .....	15.7
Azuza .....	Andres Duarte .....	236.1
Atascadero .....	Trifon Garcia .....	277.1
Ausaimus .....	Fco. Perez Pacheco .....	149.1
Ausaymas, Los .....	do .....	16.3
Azusa .....	Henrique Dalton .....	14.7
Ballona .....	J. A. Machado, T. Talamantes .....	184.1
Barranca Colorada .....	Josias Belden .....	415.1
Do .....	do .....	9.7
Barranca Colorada, Rancho de .....	do .....	.9
Baulenes, Rancho de .....	Gregorio Briones .....	.9
Berdugos ó Verdugos, Los .....	Ignacio Coronel .....	528.1
Boca de San Juan .....	Emigdio Bejar .....	445.1
Do .....	do .....	13.7
Bodega .....	Esteban Smith .....	308.1
Do .....	do .....	4 & 8.7
Bolsa La, El Moro Cojo .....	Simeon Costro .....	40.4
Bolsa Chiquita .....	Maria Cleopas Nieto .....	94.2
Bolsa Chiquita, La .....	Joaquin Ruiz .....	244.1
Bolsa de Genga .....	Vicente Sanchez .....	64.2
Bolsa de las Sabinas .....	Felipe Vazquez .....	83.1
Bolsa del Butano .....	Ramona Sanchez .....	385.1
Bolsa del Chamisal .....	Francisco Quijada .....	513.1
Bolsa del Cojo, Rancho de la .....	Castro .....	.9
Bolsa del Pajaro .....	Sebastian Rodriguez .....	.3
Do .....	do .....	40.1
Do .....	Alejandro y Sebastian Rodriguez .....	108.1
Bolsa de San Cayetano .....	D. Pico e Igno. Vallejo .....	34.4
Do .....	Ide Vallejo por los hereds. de la Testn. de Igno. Vallejo.	55.5
Bolsa de San Felipe .....	Francisco Perez Pacheco .....	212.1
Bolsa de San Joaquin .....	J. Foster y Sant. Johnson .....	116.2
Do .....	do .....	151.2
Do .....	José Sepulveda .....	303.2
Do .....	do .....	279.1
Bolsa de Tamales .....	Nepomuceno Padilla .....	571.1
Bolsa Nueva .....	Simeon Costro .....	110.5
Bolsa del Potrero y Moro Cojo .....	J. J. de la Torre .....	42.4
Buenaventura .....	Pearson P. Reading .....	.1
Bolsas Las .....	Juan José Nieto .....	103
Buenavista, rancho .....	Mariano Soberanes .....	11.2
Buenavista .....	Felipe .....	456.1
Do .....	José Santiago Estrada .....	30.4
Do .....	Felipe .....	15.7
Buriburi .....	José Sanchez .....	20.1
Do .....	do .....	12.5
Buriburi, rancho de .....	J. Sanchez .....	.9
Cabera de Sta. Rosa .....	Maria Ignacio Lopes .....	255.1
Caguenga y Verdugos .....	Vicente Ora .....	426.1
Caguenga .....	Juan Ramirez .....	156.2
Cajon .....	Maria Antonio Pedrorena .....	467.1
Cajon de San Diego .....	Manuel Diaz .....	8.7
Do .....	Ma. Anta. Estrudillo de Pedrorena .....	16.7
Cajon de Sta. Ana .....	José Desiderio Ibarra .....	9.2
Do .....	Patricio Ontiveros .....	57.1
Do .....	J. B. Alvarado .....	62.1
Calaveras, Las .....	Anastasio Chaboya .....	329.1



## CATALOGUE, &amp;c.—Continued.

*Alphabetical list of names of ranchos, &c.—Continued.*

Name of ranch.	Name of claimant.	Number of varas.
Calera, La .....	Narciso Fabregat .....	534.1
Calleguas .....	José Pedro Ruis .....	148.1
Calzoncillos, Los .....	Felix Buelna .....	200.2
Camajal y Pal .....	Juan Warner .....	579.1
Camaritas, Las .....	José de Jesus Noe .....	190.1
Camate, El .....	Manuel Garcia .....	201.2
Camate .....	G. Quintana T. Herrera .....	577.1
Campo de Tranceses .....	Guillermo Gulnac .....	4.7
Camulas .....	Antonio del Valle, Pedro Carrillo .....	314.1
Cañada de Capay .....	F. Berreyeza <i>et al</i> .....	511.1
Do .....	T. S. y N. Berreyesa .....	9
Cañada de Capitancillos .....	José Reyes Berreyesa .....	293.1
Cañada de Carpinteria .....	Joaquin Soto .....	4.1
Cañada de Coches .....	Apolina. Lorenzana .....	531.1
Cañada de en medio y Cañada de Cebada .....	Say Joaq. Gomez .....	68.5
Cañada de Guad. Visitn. y R. de Salinas .....	Manuel Sanchez .....	302.2
Cajon de San Diego .....	Manuel Dias .....	379.1
Cañada de Guade. y Visitacion .....	J. P. Leese .....	245.6
Cañada de Guade. Visitn. y Rodeo viejo .....	do .....	.6
Cañada de Herrera .....	Domingo Saenz .....	167.1
Cañada de la Berrenda .....	Sant. Do. Arce .....	166.1
Cañada de la Brea, Carneadero .....	Mariano Castro <i>et al</i> .....	5.2
Cañada de la Brea .....	Gil. Ibarra .....	222.1
Cañada de la Carpinteria .....	Joaq'n Soto .....	73.5
Cañada de la Laguna .....	Francisco Reyes .....	4.2
Cañada de las Auras .....	Domingo Felix ó Feliz .....	7.7
Cañada de la Segunda .....	Lazaro Soto .....	.9
Cañada de las Uvas .....	Lorenzo Pineda .....	286.1
Cañada de Laureles .....	Teodoro Gonzales .....	71.5
Cañada del Chorro .....	Scott & Wilson .....	471.1
Do .....	D. Scott & I. Wilson .....	17.7
Cañada del Corral .....	J. Dolores Ortega .....	261.1
Cañada del Corte Madera .....	M. Martinez y D. Peralta .....	6.1
Cañada del Corte de Madera .....	Maximo Martinez .....	8.5
Do .....	M. Martinez D. Peralta .....	.9
Cañada del Diablo .....	Blas .....	196.1
Cañada del Hambre .....	Teodoro Soto .....	144.2
Cañada del Mesquite y Valle de las Palmas .....	G. E. de Arguello y M. J. C. de Fitch .....	17.7
Cañada de los Alisos .....	José Serrano .....	274.1
Cañada de los Nogales .....	J. M. Aguilar .....	380.1
Cañada de los Osos .....	Filomeno Pico .....	45.2
Do .....	Victor Linares .....	268.1
Do .....	do .....	317.1
Cañada de los Osos Pecho é Islai .....	Diego Scott and I. Wilson .....	7
Do .....	Scott y Wilson .....	.9
Cañada de los Pinacates .....	J. M. Cosio y I. Cruz .....	87.5
Cañada de los Vaqueros .....	F. Alviso, A. Higuera y M. Miranda .....	431.1
Cañada de los (Vaqueros) .....	F. Alviso <i>et al</i> .....	5.7
Cañada del Pinal .....	Ma. M. Valencia .....	284.1
Cañada del Portezuelo .....	Rafael Villavicencio .....	199.1
Cañada de Palo escrito .....	Mariano Romero .....	81.2
Cañada de Palomea .....	J. M. Orozco .....	468.1
Cañada de Raimundo .....	Juan Coppinger .....	220.1
Do .....	J. Anto. Albisu .....	74.1
Cañada de Salsipuedes .....	Pedro Cordero .....	372.1
Cañada de San Geronimo .....	Rafael Cacho .....	343.1
Cañada de San Miguel .....	J. M. Andrade .....	93.1
Cañada de Sta. Tomas .....	Guadalupe Melendez .....	490.1
Cañada de San Vicente .....	Juan Lopez .....	496.1
Cañada de Tecate .....	Juan Bandini .....	22.8
Cañada Honda .....	Angel Ramirez .....	78.1
Do .....	do .....	81.5
Cañada Larga .....	Joaquin Alvarado .....	304.1
Cañada de Asusa y Bocanegra .....	Henrique Dalton .....	332.2
Cañada Vieja .....	Manuel Anto. Perez .....	84.2
Cañada y Rancho de Sta. Maria .....	Baltasar Redona .....	16.2
Cañadita, La .....	Catalina Munraz .....	77.1
Cañadita enfrente de la Laguna Seca .....	Catalina Mansaneli Munraz .....	3.5
Cañon .....	Bernardo Yorba .....	24.1
Cañada de Santa Ana .....	do .....	45.5
Cañon de Santa Ana .....	do .....	.9
Capitancillos, Los .....	Leandn. Galindi .....	21.2
Capitancillos .....	Justo Larios .....	294.1
Carmel .....	Guillermo Knight .....	550.1
Carmelo .....	J. Ant'o Romero .....	193.1
Carne humana .....	Eduardo A. Bale .....	225.1
Carneros, Los .....	Ma. Ant'o Sinores .....	297.1
Do .....	David Little John .....	81.1
Do .....	David Littlejohn .....	35.5



## CATALOGUE, &amp;c.—Continued.

*Alphabetical list of names of ranchos, &c.—Continued.*

Name of ranch.	Claimant.	Number of varas.
Carpinteria, La. ....	Antonio Rodriguez .....	277. 2
Do .....	Cosme Vanegas .....	89. 1
Casa de la Mision de San Gabriel .....	Manuel d'Oliveira .....	17. 7
Caslamayoume .....	Eugenio Montenegro .....	363. 1
Casmali, Inmediato á .....	Ant'o Olivera .....	209. 1
Casmari .....	Carmen Dominguez .....	146. 1
Castee .....	J. M. Covarrubias .....	326. 1
Catuenlu .....	José B. Chiles .....	400. 1
Cayequas .....	J. Ign. Lugo and J. M. Romero .....	18. 2
Cayucos .....	Vicente Felix. ó Filiz y M. Olivera .....	260. 1
Centimela .....	Ant. Ign. Avila .....	567. 1
Cerritos, Los .....	Guillermo Cota .....	10 & 12. 2
Cerritos, Ampliacion á los .....	Agustin Alviso .....	231. 2
Cerritos, Los .....	Agustin Alviso y T. Pacheco .....	358. 1
Cerritos, Inmediatos a .....	Felipe Lorenzana y R. Oleras .....	241. 1
Cerritos, Los .....	Manuel Nieto .....	29. 5
Cerro de San Miguel .....	Juan Lopez .....	22. 2
Chamisal .....	Felipe Vasquez .....	121. 1
Do .....	do .....	85. 5
Chavoyas .....	José Berreyesa .....	119. 1
Chimiles .....	J. J. Berreyesa .....	549. 1
Cholam .....	Mauricio Gonzales .....	342. 1
Do .....	do .....	4. 7
Chualar .....	Juan Malarin .....	176. 1
Chualar, El .....	J. A. y J. Estrada representados por. J. Vallejo.	60. 5
Cienega, La. ....	Tomas A. Yorba .....	41. 2
Do .....	Nareiso Botello y Agn. Olvera .....	546. 1
Cienega de las Ramas .....	José Sepuveda .....	338. 1
Cienega del Gavilan .....	Antonio Amesquita .....	99. 1
Cienega de los Pacines .....	José Ant. Rodriguez .....	205. 2
Cienega, La, en los Alisos .....	José Sepulveda .....	31. 2
Cienega y Paines .....	Angel Castro, J. Ant. Rodriguez .....	296. 1
Cienega y Tijera .....	Vicente Sanchez .....	532. 1
Cieneguitas ó Sienequitas .....	Anastasio Carrillo .....	475. 1
Coches, Los .....	Dolores Pacheco, y Tco. Palomares .....	106. 2
Do .....	Roberto .....	210. 1
Do .....	do .....	354. 1
Coches .....	Maria Josefa Soberanes .....	239. 1
Coches, Los .....	Roberto .....	6. 7
Collayomi .....	Robert T. Ridley .....	383. 1
Do .....	Guillermo T. Ridley .....	8. 7
Do .....	Tomas Ridley .....	. 9
Colus .....	Juan Bidwell .....	473. 1
Do .....	do .....	17. 7
Conejo .....	J. de la Guerra, Ma. del C. Rodriguez .....	139. 1
Conejo, Parte del .....	J. de la Guerra y Nonega .....	59. 4
Conejo, El .....	Ma. del C. Rodriguez .....	69. 5
Corral de Cuate .....	Agustin Davila .....	469. 1
Corral del Cuati .....	do .....	17. 1
Do .....	do .....	. 9
Corral de Piedra .....	Isid y J. Ant. Villavieencio .....	114. 2
Do .....	J. M. Villavicencio .....	237. 1
Corral de Tierra, ampliacion .....	Francisco Mesa .....	117. 2
Corral de Sierra, Paraje del .....	J. A. Romero y J. Peña .....	14. 2
Corral de Sierra .....	Tibureio Vasquez .....	179. 1
Do .....	Pedro Juan Sebet .....	59. 1
Do .....	Luis Mesa .....	232. 1
Do .....	Francisco Mesa .....	107. 1
Do .....	Francisco Guerrero .....	180. 1
Do .....	Francisco Figueroa .....	15. 1
Do .....	Francisco Mesa .....	26. 5
Do .....	Francisco Figueroa .....	104. 5
Corralito, El .....	Esteban Quintana .....	. 9
Corralitos .....	José Amesti .....	219. 1
Corralitos, Los .....	do .....	367. 1
Corralitas .....	do .....	45. 4
Corarlitos, Aumentí .....	do .....	. 6
Corte de Madera .....	J. Avila y F. Bejar .....	230. 2
Do .....	Nepomo. Alvarado <i>et al</i> .....	429. 1
Do .....	Maximo Martinez .....	366. 1
Corte de Madera del Presidio .....	Juan Read .....	54. 5
Cosumenes .....	Joaquin Sheldon .....	423. 1
Cotate .....	Juan Castañeda .....	432. 1
Coyotes, Los, y La Zanja .....	Mannel Perez Nieto .....	1. 2
Coyotes, Los .....	Juan José Nieto .....	28. 5
Cruces, Las .....	Miguel Cordero .....	68. 1
Do .....	do .....	137. 1
Cuati .....	Prospero .....	533. 1



## CATALOGUE, &amp;c.—Continued.

*Alphabetical list of names of ranchos, &c.—Continued.*

Name of ranch.	Claimant.	Number of varas.
Cuca.....	Maria Juana.....	449. 1
Do.....	do.....	14. 7
Cucamonga.....	Tiburcio Tapia.....	52. 2
Cucan y Paoma.....	Tray. T. M. Zalvidea in behalf of the Indians of Sn. Luis Rey.....	.....
Cuchiyunes (a) San Pablo.....	Herederos de F. M. Castro.....	31. 5
Cueros de Venado.....	J. M. Osuna.....	19. 2
Correos, Los, see Guadalupe.....	.....	.....
Cueros de Venado.....	J. M. Marron.....	20. 2
Cueros de Venado, Los.....	do.....	12. 1
Cueros de Venado.....	do.....	56. 5
Cuyama.....	Cesario Lataillade.....	569. 1
Do.....	José Ma. Rojo.....	523. 1
Cuyamaca.....	Agustin Olvera.....	464. 1
Do.....	do.....	16. 7
Descanso.....	Juan Machado.....	497. 1
Desechos de S. Mateo.....	José Avila y E. Bejar.....	182. 2
Dolores y Berrenda.....	Sant. Dom. Arce.....	557. 1
Dos Pueblos, Los.....	Bernardo Ruiz.....	113. 2
Do.....	Daniel Hill.....	141. 2
Do.....	J. M. Rojo y F. Vadillo.....	105. 2
Dos Pueblos.....	Nicolas A. Den.....	301. 2
Durango.....	Hilario Morrillo.....	555. 1
Encinal.....	David E. Spence.....	94. 1
Encinalito, El.....	Alejandro Rodriguez.....	.....
Encinitos, Los.....	Andres Lbarra.....	541. 3
Encino.....	Francisco <i>et al</i> .....	458. 1
Encino, El.....	Tco. Tiburcio y Roman.....	15. 1
Encinos, Los.....	Tomas Gutierrez.....	84. 7
Ensenada de Todos los Santos.....	José Manuel Ruiz.....	8. 1
Entre Napa.....	Nicolas Higuera.....	153. 2
Escorpion.....	Manuel.....	461. 1
Esteros Americanos.....	M. McIntosh.....	172. 1
Esteros.....	Alejandro Rodriguez.....	112. 1
Estrella, La.....	Francisco Arce.....	152. 1
Do.....	José Miguel Gomez.....	278. 2
Ex Mision de la Soledad.....	Esteban Munras.....	259. 2
Ex Mision de San Miguel.....	Gmo. Read, P. Rios, <i>et al</i> .....	294. 2
Escorpion.....	Manuel, Urbano y Odon.....	15. 2
Farrallones, &.....	J. Ives Limantour.....	308. 7
Feliz, Rancho de los.....	Juan y J. A. Feliz.....	66. 2
Do.....	J. A. Feliz y Ma. Jqn. Verdugo.....	145. 2
Feliz, Los.....	J. Ant. Feliz.....	350. 2
Feliz, Rancho de.....	J. y J. A.....	2. 2
Flores, Paraje de los.....	Pablo Grijalba.....	2. 9
Flores, Las.....	Guillermo Chard.....	418. 2
Do.....	do.....	9. 1
Flores, Las, Arroyo hondo.....	J. M. Verdugo.....	7. 7
Flores, Rancho de las.....	Guillermo Chard.....	9. 9
Fundo legal.....	San José.....	339. 9
Gatos, Los.....	José Hernandez, Sebastian Peralta.....	206. 1
Goleta, La.....	Daniel Hill.....	570. 1
Grulla, La.....	Ramon Cezeña <i>et al</i> .....	564. 1
Guadalacsa, adicion a.....	Isabel Yorba.....	92. 1
Guadalacsa.....	do.....	14. 2
Do.....	do.....	145. 1
Do.....	do.....	14. 1
Guadalupe.....	Juan Malarin.....	21. 5
Do.....	Teod. Arrellanes y D. Olivera.....	138. 1
Do.....	Juan Malarin.....	1. 1
Do.....	do.....	5. 5
Guajome.....	Andres, José Manuel.....	459. 9
Do.....	Andres y José Manuel.....	15. 1
Guaslay.....	Francisco Ortega.....	223. 7
Guenegel.....	Teo. Marron y T. Tico. ó I. Tico.....	176. 2
Guenoc.....	Jorge Rock.....	462. 2
Do.....	George Rock.....	16. 1
Guictrica.....	Damaso A. Rodriguez.....	56. 7
Guijote y Cañada de Palomea.....	José Ma. Orozco.....	2. 2
Guilicos ó Huilicos.....	Juan Wilson.....	109. 9
Habra.....	Mo. R. Roldan.....	181. 1
Hermann.....	Ernesto Rufus.....	507. 1
House.....	Manuel Oliveira y Rufina.....	476. 1
Do.....	Francisco Arce.....	566. 1
House and lot in Los Angeles.....	Luis Arenas.....	1. 1
Hoya, La.....	Pablo y I. Apis.....	477. 9
Do.....	P. y I. Apis.....	17. 1
Huasma.....	Isaac J. Sparks.....	285. 7
Do.....	do.....	321. 1



## CATALOGUE, &amp;c.—Continued.

*Alphabetical list of names of ranchos, &c.—Continued.*

Name of ranch.	Claimant.	Number of varas.
Huerhuero.....	Mariano Bonilla.....	506.1
Huerta de la Com. en San Vicente.....	Josefa Osio.....	296.2
Huerta de Mision de S. Rafael.....	Tim. Murphy.....	310.2
Huerta de la Mision de San Vicente.....	José Matias Moreno.....	293.2
Huerta de la Nacion.....	Juan Ant. Mañoz.....	86.5
Huerta del Rei.....	Marcelino Escobar.....	323.1
Huerta de San Mateo.....	Juan Cordero.....	213.2
Huerta de San Rafael.....	Timoteo Murphy.....	190.2
Huerta de la Parisima.....	J. de la Guerra y Noriega.....	241.2
Huichica.....	J. P. Leese.....	246.1
Do.....	Jacob Leese.....	430.1
Huichica, Aumento a.....	J. P. Leese.....	8.7
(Hoya, La) say Huerhuero.....	M. J. Bonilla.....	282.1
Isla de la Yegua.....	José Victor Castro.....	89.2
Isla de los Angeles.....	Ant. M. Osio.....	35.2
Isla de San Diego.....	Pedro C. Carrillo.....	554.1
Isla de Sta. Catalina.....	Tomas M. Robbins.....	60.2
Do.....	J. Ramires and J. L. Vignes.....	79.2
Do.....	Juan Ramirez.....	129.2
Do.....	Juan Bandini.....	245.2
Do.....	Tomas M. Robbins.....	.3
Do.....	do.....	.3
Isla de Sta. Cruz.....	Andres Castellero.....	187.1
Isla ó de Sta. Rosa, ó de Sta. Cruz.....	do.....	254.2
Isla de Sta. Rosa.....	J. Anto. Carrillo and Carlos Carillo.....	313.1
Jaboneria, La.....	Santiago Martinez <i>et al</i> .....	226.2
Jamacha.....	Apolinaria Lorenzana.....	17.1
Jamul.....	Pío Pico.....	493.1
Jamul, Sitio de.....	do.....	77.4
Jamul.....	do.....	19.7
Jarro.....	Hilaria Buelna.....	113.1
Jesus Maria.....	Lucas Anto. and J. Antonio.....	78.2
Do.....	Lucas Olivera <i>et al</i> .....	150.1
Do.....	Julian Gordon.....	518.1
Jokaya ó Tokaya.....	Cayetano Juarez.....	14.7
Jolla ó Hoya, La.....	Pablo and José Apis.....	17.7
Jonata.....	Gumesindo Flores.....	196.2
Jonive.....	Santiago Black.....	501.1
Jota.....	J. C. Yount.....	310.1
Juntas, Las.....	Guillermo Welsh.....	344.1
Do.....	Guillermo Welk.....	5.7
Juristac.....	A. and F. German.....	80.5
Lac.....	Darmaso A. Rodriguez.....	377.1
Laguna, La.....	Lorenzo Soto.....	89.2
Do.....	Ramon Rodriguez.....	90.2
Do.....	F. Herrera <i>et al</i> .....	261.2
Do.....	Octaviano Gutierrez.....	306.2
Do.....	Pedro Cordero.....	118.2
Do.....	Octaviano Gutierrez.....	478.1
Do.....	do.....	355.1
Do.....	Juan Alvarez.....	102.1
Laguna.....	Octaviano Gutierrez.....	17.7
Laguna, La.....	do.....	6.7
Do.....	Juan Alvarez.....	.9
Laguna de la Merced, adicion á.....	Emiliano Hrz. de Haro.....	62.2
Laguna de la Merced.....	J. Anto. Galindo.....	10.1
Do.....	do.....	74.5
Laguna de las Calabazas.....	Felipe Hernandez.....	118.1
Do.....	do.....	24.5
Do.....	do.....	.9
Laguna del Continela.....	Ignacio Machado.....	382.1
Laguna de los Palos Colorados.....	J. Bernal, J. Morgue.....	249.1
Laguna de San Antonio.....	B. Bojorquez.....	483.1
Do.....	Bartolino Bojorquez.....	18.7
Laguna de Santos Calle.....	V. Prudon and M. Vaca.....	.1
Laguna Grande.....	Teodoro Gonzales.....	76.1
Laguna Seca, La.....	Juan Alvires.....	39.5
Laureles.....	J. M. Boronda, Blas Mart's.....	175.1
Laureles, Los.....	José Agricio.....	356.1
Laguna, La.....	Church of Sn. Luis Obispo.....	313
Laureles, Los.....	Teodoro Gonzales.....	9.2
Liebre, La.....	Tomas del Valle.....	168.2
Do.....	J. Mo. Flores.....	547.1
Lihuaytos.....	J. M. Vaca.....	424.1
Llagas & Ojo de la Coche.....	Manuel Dias.....	184.2
Llajome.....	Juan Bautista Carrillo.....	58.2
Do.....	Damaso Rodriguez.....	226.1
Llanito de los Correos.....	Juan Malarin.....	62.5
Llano del Tequesquite.....	J. M. Sanchez.....	49.1



## CATALOGUE, &amp;c.—Continued.

*Alphabetical list of names of ranchos, &c.—Continued.*

Name of ranch.	Claimant.	Number of varas.
Llano del Tequesquite .....	J. M. Sanchez .....	78.5
Llano Seco .....	Sebastian Kayser .....	472.1
Do .....	Sebastian Royser ó Roysen .....	17.7
Locoallomia .....	Julian Pope .....	256.1
Loconomo .....	Juan Rainsfort .....	234.2
Lomas de la Purificacion .....	Agustin Yansens .....	409.1
Lomas del Espiritu Santo .....	M. del Esp. Sto. Carrillo .....	135.1
Lompoc .....	J. & J. Anto. Carrillo .....	171.1
Lot 100 x 500 .....	Guillermo Hinckley .....	561.1
Lot in San Vicente .....	Francisco Sepolvido .....	568.1
Lupyomi .....	Salvador Vallejo <i>et al.</i> , deposited .....	.....
Mariposas .....	J. B. Alvarado .....	352.1
Mariposas, Las .....	do .....	5.7
Mayacomos .....	J. S. Berreyesa .....	305.1
Medano .....	J. A. and J. M. Mesa .....	185.1
Meganos, Los .....	José Noriega .....	30.1
Do .....	do .....	89.5
Milcuatay .....	J. B. Bonet, A. J. B. Martin .....	574.1
Milijo .....	Sant. E. Argüello .....	60.1
Do .....	do .....	15.5
Milpitas .....	J. M. Alviso .....	75.5
Mision de la Purisima .....	J. Temple .....	.8
Mision de la Soledad, Ex .....	Esteban Munras .....	259.2
Mision de la Soledad .....	Feliciano Soberanes .....	2 & 2.8
Mision de San Buenaventura .....	J. Arnaz .....	2 & 14.8
Do .....	J. de Arnaz and N. Botello .....	5.10 & 10.8
Mision de San Diego .....	Santiago Argüello .....	7.8
Mision de San Fernando .....	E. de Celis .....	1 bis. 8
Do .....	J. Manso and A. Pico .....	10.8
Do .....	Andres Pico .....	14.8
Mision de San Gabriel .....	P. H. Reid and J. Workman .....	21 & 72.8
Mision de San Juan Capistrano .....	J. Foster and Santiago McKinley .....	2.2 & 9.8
Mision de San Luis Obispo .....	McKinley, Scott and Wilson .....	2.2.8
Mision de San Luis Rey .....	J. A. Cot and J. A. Pico .....	3.8
Mision de San Miguel, Ex .....	G. Read, P. Rivs, J. M. Garcia .....	294.2
Mision de Sta. Barbara .....	N. A. Den and D. A. Hill .....	4.10 & 10.8
Do .....	N. Den .....	14.8
Mision de Sta. Inez .....	J. M. Covarrubias and J. Carrillo .....	10.10, 11.8
Do .....	J. Carrillo .....	14.8
Mision de Sto. Domingo .....	José Ignacio Arce .....	201.2
Mision de Sto. Tomas .....	Agustin Mansilla .....	273.2
Mision Vieja .....	Agustin Olvera .....	155.2
Do .....	Antonio Manuel .....	140.2
Do .....	Anastasio Carrillo .....	68.2
Do .....	José Antonio Estudillo .....	137.2
Do .....	Joaq'n Carrillo and J. A. Carrillo .....	481.1
Mision Vieja de la Purisima .....	José Anto. Carrillo .....	17.7
Mision Vieja de San Juan Capistrano .....	Agustin Olvera .....	12.7
Mision Vieja de San Miguel .....	R. Yorba, Julian and J. Manrique .....	498.1
Molino .....	J. B. Chiles .....	399.1
Do .....	Pedro Sainsevain .....	508.1
Montecito .....	Daniel Rosas .....	28.1
Monte del Diablo .....	Salvio Pacheco .....	64.1
Do .....	do .....	40.5
Moro Cojo la Nueva, y Cañada de Sn. Miguel .....	Simeon Castro .....	164.1
Muñiz .....	Manuel Torres .....	488.1
Muñoz ó Muñiz .....	do .....	18.7
Muscupiavit .....	Miguel Blanco .....	525.1
Muscula con .....	Francisco Berreyesa .....	510.1
Molino, exchanged for Ojohska .....	Juan B. R. Cooper, L. C., 193 .....	.....
Nacimiento, El .....	J. Ant. Espinosa .....	69.2
Najogüy .....	Raimundo Carrillo .....	395.1
Napa .....	Salvador Vallejo .....	200.1
Nicasio .....	J. P. Leese and S. Vallejo .....	171.2
Do .....	J. Cooper <i>et al.</i> .....	420.1
Do .....	J. Cooper and P. de la Guerra .....	10.7
Nieto, Rancho de .....	J. M. Nieto .....	.9
Nietos, Los .....	Tomas Sanchez Colima .....	576.1
Nigüil .....	Concepcion Avila .....	285.1
Nipomo .....	Guillermo G. Dana .....	25.1
Nogales .....	J. de la Luz Linares .....	195.1
Nojogüy .....	Raimundo Carrillo .....	16.7
Novato .....	Juan Martin .....	182.1
Do .....	Fernando Feliz .....	188.1
Nueces y Bolbones .....	Juana Sanchez de Pacheco .....	36.1
Nuestra Sra del Refugio .....	Fco. Ortega .....	7.2
Do .....	Mag'a Cota, de Ortega and Anto. Ma. Ortega .....	9.1
Do .....	José F'co de Ortega .....	60.4



## CATALOGUE, &amp;c.—Continued.

*Alphabetical list of names of ranchos, &c.—Continued.*

Name of ranch.	Claimant.	Number of varas.
Nuestra Sra del Refugio .....	Magd'a Cota de Ortega and Anto. M. Ortega.	44.5
Ojai .....	Fernando Tico .....	188.2
Do .....	do .....	142.1
Ojitos, Los .....	M. Soberanes .....	273.1
Ojo de Agua de la Coche .....	J. M. Hernandez .....	29.1
Do .....	do .....	65.3
Ojo de Agua del Encinal .....	Francisco Lugo .....	516.1
Ojotska .....	Juan B'ta R. Cooper .....	23.5
Olompali .....	Camilo Inidid .....	320.1
Oristamba .....	Sebastian Nuñez .....	347.1
Osos, Pecho é Islay .....	Scott, Diego & .....	470.1
Otay .....	Magdalena Estudillo .....	73.4
Do .....	José Anto. Estudillo .....	75 & 76.4
Ojatska .....	Juan Bantista, R. Cooper, exp'se No. 22, near Sacramento River, exchanged for El Molino.	
Paguay .....	F. M. Alvarado .....	112.2
Do .....	Rosario Aguilar .....	173.1
Paraje del Pismo .....	José Ortega .....	214.1
Pajones .....	Angel M. Castro .....	106.1
Pala .....	F. M. Alvarado and J. M. Arguello .....	232.2
Do .....	Joaquin Higuera .....	45.1
Do .....	José Higuera .....	82.5
Palomas, Las .....	Leonardo Cota é Hil'o Varela .....	216.2
Palomea .....	J. Mo. Oroasco .....	45.7
Palos Verdes .....	M. Requena, A. Stearns <i>et al</i> .....	286.2
Palos Vetdes, Ampliacion .....	Heirs of Sepulveda .....	154.2
Palos Verdes .....	José Soreto, Juan Sepulveda .....	565.1
Panocha de San Juan .....	Julian Ursua .....	348.1
Panocha Grande .....	Viente Gomez .....	194.2
Paoba .....	J. Anto. Serrano, Blas and J. A. Aguilar .....	393.1
Paraje de la Mision Vieja .....	Juan and M. A. Perez .....	37.2
Paraje de las Flores .....	Pablo Grijalba .....	2.2
Paraje del Corral de Tierra .....	José, Peña and J. A. Romero .....	14.2
Paraje de San Andres .....	Joaquin Castro .....	23.2
Paraje de San Bernardino .....	J. Rayales <i>et al</i> .....	50.2
Paraje de San Marcos .....	Valentin and Manuel Cota .....	57.2
Paraje entre la Cañada verde y Ca'da de la Brea .....	Juan Pacifico Ontiveros .....	34.2
Paso de Bartolo .....	Juan Albitre .....	63.2
Do .....	Nepomuceno Alvarado .....	70.2
Do .....	Juan Crispin Perez .....	64.5
Paso de Bartolo Viejo .....	do .....	75.1
Paso de Robles .....	Pedro Narvaez .....	71.1
Do .....	do .....	8.7
Pastoria .....	J. F. Estrada .....	265.1
Pauba .....	Viente Moraga .....	390.1
Do .....	Vicente Moraga, L. Arenas .....	545.1
Pauma .....	J. A. Serrano .....	214.1
Paz, La .....	Agustin Olvera Ant'o M'o Sornosa .....	437.1
Pecho y El Islay .....	Francisco Vadillo and Sant. Urista .....	524.1
Pescadero .....	Antonio M'o Pico .....	370.1
Do .....	Rafael Felix and Val. Higuera .....	371.1
Pescadero, El .....	Fabian Barreto .....	151.1
Do .....	J. Antonio Botiller .....	56.1
Do .....	Fabian Barreto .....	97.5
Pescadero, El San Antonio .....	Juan José Gonzales .....	21.5
Peseadero .....	J. A. Botiller .....	.9
Petaluma .....	Mariano G. Vallejo .....	306.3
Do .....	do .....	32.5
Piedra Blanca .....	José de Jesus Pico .....	189.1
Do .....	Simeon Castro .....	.9
Pilareitos, Los .....	J. M. Arceo .....	42.1
Pilarcitos .....	Luis Mesa .....	53.1
Pilarcitos, Los .....	Damaso Rodriguez .....	66.1
Pilarcitos .....	Felipe Vasquez .....	104.1
Pilarcitos, Los .....	J. M. Arceo .....	7.5
Pinacates .....	J. Joaquin Gomez .....	162.1
Pinol .....	Ignacio Martinez .....	278.1
Pinol, Rancho del .....	do .....	.9
Piojo .....	Joaquin Soto .....	292.1
Plan del Tncho .....	J. Antonio Romero .....	336.1
Do .....	do .....	20.5
Pleito, El .....	Antonio Chavez .....	457.1
Do .....	do .....	15.7
Pleito y Torus .....	J. Rodriguez .....	421.1
Pocita de las Animas .....	Íñigo .....	422.1
Positas, Las .....	Roberto Livermore and J. Noriega .....	129.1
Do .....	Tomas M. Robbins .....	575.1
Do .....	R. Livermore and J. Noriega .....	.6



## CATALOGUE, &amp;c.—Continued.

*Alphabetical list of names of ranchos, &c.—Continued.*

Name of ranch.	Claimant.	Number of varas.
Posolmi .....	Iñigo .....	5.7
Potrero .....	José M'a Higuera .....	142.2
Do .....	Francisco Lugo .....	146.2
Do .....	Francisco and Ramon Haro .....	360.1
Do .....	Fructuosa Real .....	115.1
Potrero, El .....	Francisco and Ramon Haro .....	7.7
Potrero de F. Lugo & .....	George Morrillo and T. Romero .....	13.7
Potrero de la Sierra y Agua Caliente .....	Juan Foster .....	.9
Potrero de San Luis, Adicion a .....	Maria Coneepeion Boronda .....	215.2
Potrero de San Luis .....	do .....	353.1
Potrero de Sta. Clara .....	Diego Forbes .....	353.1
Do .....	do .....	5.7
Potrero de Sta. Baula .....	José, Joaquin Ortega .....	43.5
Potrero Grande .....	Mannel Anti .....	439.1
Potrero & .....	Juan Foster .....	12.7
Potrero and Najalayegua .....	José Dominguez .....	.9
Pos a del Cajon .....	José Arpa .....	88.2
Posa de los Ositos .....	Carlos C. Espinosa .....	201.1
Posas, Las .....	José Carrillo .....	11.1
Do .....	do .....	41.5
Do .....	do .....	.9
Presidio .....	Henrique Fitch and F. Guerrero .....	578.1
Prietos and Najalayegua .....	José Dominguez .....	469.1
Primer Cañon .....	Francisco Dye .....	414.1
Puente, La .....	Juan Roland .....	270.1
Do .....	Juan Roland and J. Workman .....	15.7
Puente San Gabriel .....	J. Roland and J. Workman .....	544.1
Pulgas, Las .....	Hereds. de L. Arguello .....	88.5
Punta de Año nuevo .....	Simeon Castro .....	298.1
Punta de Cipreses .....	Teodoro Gonzales .....	41.1
Punta de la Concepcion .....	Anastacio Carrillo .....	58.1
Punta de la Laguna .....	L. Arrellanes, Gruigdio Ortega .....	410.1
Punta del Monte .....	Francisco Lugo .....	75.1
Punta de Pinos .....	J. M. Armenta .....	37.1
Do .....	J. M. Abrego .....	442.1
Do .....	J. M. Armenta .....	4.5
Punta de Reyes .....	Antonio M'a Osio .....	322.1
Purificaeion and Aguiehu .....	J. A. Dominguez y O. Gutierrez .....	180.2
Putas, Las .....	J. and S. Berreyesa .....	433.1
Do .....	J. F. Armijo y M. Vaea .....	465.1
Pntos, Los .....	J. F. Armijo and J. M. Vaea .....	16.7
Pulgas, Las, Luis Arguello, heirs of .....	Book of Grants, Toma de Razon No. 86, L. C. No. 2. ....	
Quati, or Cuati .....	Perfecto Hugo Reid .....	284.2
Quien Sabe .....	Francisco del Castillo Negrete .....	107.5
Quito .....	José Fernandez and José Noriega .....	227.1
Do .....	José Noriega and José Z. Fernandez .....	.6
Ranheria del Chino .....	Luis Peralta .....	186.1
Rancho de Buennavista .....	Mariano Soberanes .....	11.2
Rancho de Buriburi .....	J. Sanchez .....	.9
Rancho de .....	J. and J. A. Felis .....	.9
Do .....	J. M'a Berdugo ó Verdugo .....	.9
Do .....	J. M. Nieto .....	.9
Do .....	Guillermo Chard .....	.9
Rancho de las Flores .....	J. A. Felis and M'a J. Verdugo .....	145.2
Rancho de los Feliz .....	J. and J. A. Felis .....	66.2
Rancho de los Saucos .....	Robert H. Thomes .....	.9
Rancho del Pinol .....	Ignacio Martinez .....	.9
Rancho del Rio de los Molinos .....	Albert G. Toomes .....	.9
Rancho de Sausal .....	Mariano and Felieiano Soberanes .....	32.4
Rancho del Toro .....	José R. Estrado .....	.9
Rancho de .....	Nazario Dominguez .....	.9
Rancho de Nicasio .....	S. Vallejo and J. P. Leese .....	171.2
Rancho de Ternecula .....	Luis Valdez .....	.9
Rancho Naeional .....	J. M. Estrada .....	8.1
Do .....	Viente Cantua .....	166.1
Do .....	Juan Forster .....	491.1
Do .....	Juan Foster .....	18.7
Real de las Aquilas .....	Franco Arias, S. Cariaga .....	369.1
Do .....	José Joaq. Gomez .....	49.5
Refugio .....	José Bolcoff, Ma. Cand'r Castro .....	131.1
Rineon .....	Teodoro Arellanes .....	152.1
Do .....	Teodoro Areyano .....	70.5
Rineonada del Zanjou .....	J. Eusebio Boronda .....	191.1
Rinconada de San Francisco .....	M. A. Mesa .....	221.1
Rineon de Buena Esperanza .....	David E. Spence .....	58.5
Rincon de la Bayona .....	José Cornelio Bernal .....	202.1
Rincon de las Salinas .....	Cristina Delgado .....	19.5
Rineon del Diablo .....	J. B. Alvarado .....	536.1



## CATALOGUE, &amp;c.—Continued.

*Alphabetical list of names of ranchos, &c.—Continued.*

Name of ranch.	Claimant.	Number of varas.
Rincon de los Esteros .....	Ignasio Albisio .....	114.1
Rincon de Salinas .....	Cristina Delgado .....	16.1
Rincon de San Francisquito .....	José Peña .....	230.1
Do .....	do .....	.6
Rincon de San Pascual .....	Henrique Sepulveda .....	49.2
Do .....	Juan Marínes .....	97.1
Do .....	Mannel Garfias .....	157.1
Do .....	Juan Marini .....	63.5
Rincon Punta del Monte .....	Felipe Aguilá .....	161.1
Rio de Jesus Maria .....	Tomas Hardy .....	311.1
Rio de las Plumas .....	G. Guillermo Flugge .....	349.1
Rio de los Americanos .....	Guill'o A. Leidersdorff .....	389.1
Rio de los Cosumenes, 5 sitios .....	J. Shelden .....	4.7
Rio de los Molinos .....	A. G. Toomes .....	405.1
Rio de los Putos .....	Guillermo Wolfskill .....	281.1
Rio de Sacramento .....	J. B. Cooper .....	22.1
Roblar de la Miseria .....	Juan N. Padilla .....	484.1
Do .....	do .....	18.7
Rosa de Castilla .....	J. N. and Mar'o Alvarado .....	272.2
Rosario .....	Nazario Dominguez .....	53.2
Rancho Willans .....	Julian Willans .....	522.1
Real de las Aguilas .....	José Joaq'n Gomez .....	162
Rincon Punta del Monte .....	Teodoro Gonzalez .....	63
Sacayac .....	Juan Chamberlain .....	.3
Sacramento River .....	Eliab Grimes .....	403.1
Salinas .....	Camelio Bernal .....	177.1
Salinas, Las .....	José A. Romero .....	.9
Salinas and Visitacion .....	J. C. Bernal .....	2.1
Salojullé .....	Ramon Mesa .....	7.7
Salsipuedes .....	Ant'o Dominguez .....	36.2
Do .....	A. B. and S. Rodriguez .....	47.1
Do .....	J. A. Dominguez .....	332.1
Do .....	Francisco de Haro .....	38.4
Do .....	Manuel Jimeno Casarin .....	57.5
Saltico .....	Vicente and Juan Sanchez .....	251.2
San Agustin .....	J. Ant'o Bolcoff .....	174.1
Do .....	J. J. Mayor .....	233.1
Do .....	J. A. Bolcoff .....	14.5
Do .....	J. J. C. Mayors .....	.6
San Alejo .....	Andres Ibarra .....	101.1
Do .....	do .....	288.1
Do .....	J. M. Osuna .....	529.1
San Alejo and Los Encinitos .....	Juan Ma. Osuna .....	123.2
San Andres .....	Joaquin Castro .....	133.1
Do .....	do .....	17.5
San Anselmo .....	Juan Cooper .....	208.1
San Antonio Pescadero .....	J. J. Gonzales .....	23.1
San Antonio .....	Juan del Prado .....	136.1
Do .....	Ignacio Peralta .....	345.1
Do .....	Luis Peralta .....	5.7
San Benito .....	Francisco Garcia .....	276.1
San Bernabe, Adicion a .....	Petronilo Rios .....	153.2
San Bernabe .....	Jesus Molina .....	224.1
San Bernardino .....	Nepomuceno Alvarado <i>et al.</i> .....	50.2
Do .....	Ant'o Ma. Lugo .....	122.2
Do .....	Francisco Esteban Quintana .....	150.2
Do .....	J. del Carmen Lugo, Dom. Sepulveda .....	283.1
San Bernardo .....	M. Soberanes .....	238.1
Do .....	F'co Snook .....	267.1
San Carlos de Jonata .....	Joaq. Carrillo and J. Ma. Covarubias .....	16.7
San Dieguito .....	J. M. Cañedo .....	96.1
Do .....	J. M. Osuna .....	72.1
Do .....	do .....	463.1
Sanel .....	Fernando Felis .....	408.1
San Emigdio .....	J. A. Dominguez .....	289.1
San Felipe and Las Animas .....	Tomas Boon .....	108.1
San Felipe .....	Felipe Castillo .....	.9
San Francisco .....	Luis Arenas .....	246.2
Do .....	Antonio del Valle .....	.9
San Francisco de las Llagas .....	Carlos Castro .....	19.1
Do .....	do .....	27.5
San Francisquito .....	Catalina Munras .....	69.1
Do .....	Antonio Borelua .....	269.1
Do .....	Catalina, Manzaneli de Munras .....	84.5
San Geronimo .....	Rafael Villarcencio .....	290.1
Do .....	Rafael Cacho .....	4.7
San Gorgonio .....	Julian Williams and P. Weaver .....	249.2
San Isidro .....	Quinton Ortega .....	6.5
San Isidro, Parte .....	Maria Clara Ortega .....	10.5



## CATALOGUE, &amp;c.—Continued.

*Alphabetical list of names of ranchos, &c.—Continued.*

Name of ranch.	Claimant.	Number of varas.
San Isidro, Parte de.....	Maria Isabel Ortega.....	11.5
San Jacinto.....	J. A. Estudillo.....	319.1
San Jacinto Nuevo.....	Miguel Pedrorena.....	495.1
San Jacinto nuevo and Viejo.....	Ma. del R. Acuirre.....	512.1
San Jacinto and San Gorgonio.....	Santiago Johnson.....	521.1
San Joaquin.....	Cruz Cervantes.....	156.1
Do.....	do.....	103.5
Sanjones o Zanjones.....	Gabriel Torre.....	169.1
San José.....	Inocente Garcia.....	132.2
Do.....	L. Arenas, R. Bejar, J. Palomares.....	141.1
Do.....	Ignacio Pacheco.....	207.1
San José Buenosayres.....	José M. Alanis.....	87.2
Do.....	M. Alanis.....	519.1
San José de Gracia Semi.....	P. J. & M. Pico.....	63.4
San José and Sur Chiquito.....	Marcelino Escobar.....	198.1
San Juan.....	Juan Sainclair.....	185.2
Do.....	Joel Dedmond.....	9.7
San Juan Bautista.....	Agustin Narvaez.....	364.1
Do.....	do.....	7.7
San Juan Capistrano.....	Blas Aguilar <i>et al.</i> .....	111.2
San Julian.....	J. de la Guerra y Noriega.....	147.1
San Justo.....	José Castro.....	.1
San Justo et Viejo and San Bernabe.....	J. Rafael Gonzales.....	134.1
Do.....	Rafael Gonzales.....	92.5
San Leandro.....	Guillermo Castro, for himself and father.....	33.2
Do.....	J. Estudillo.....	300.1
San Lorenzo.....	Aniceto Y. Silvestre.....	97.2
Do.....	Guillermo Castro.....	223.1
Do.....	do.....	309.1
Do.....	Francisco Soto.....	299.1
Do.....	Feliciano Soberanes.....	248.1
Do.....	Francisco Rico.....	316.1
Do.....	do.....	.6
San Lucas.....	Rafael Estrada.....	384.1
Do.....	do.....	.9
San Luis Gonzaga.....	Juan Peres Pacheco J. M. Mejia.....	315.1
Do.....	J. R. Estrada.....	1.1
Do.....	José R. Estrada.....	51.5
San Luisito.....	Guadalupe Cantua.....	251.1
San Marcos.....	J. Ma. Alvarado, Ignacio Sepulveda.....	205.1
Do.....	N. A. and Ricardo Den.....	.9
San Mateo.....	Santiago Rios.....	72.2
Do.....	J. J. Sanchez and J. M. Alviso.....	233.2
Do.....	Santiago Rios.....	.9
San Miguel.....	José Miguel Gomez.....	287.2
San Miguelito, Adicion á ó Sobrante.....	Miguel Avila.....	268.3
San Miguelito.....	Raymon Rodriguez.....	504.1
Do.....	J. Rafael Gonzales.....	243.1
Do.....	Miguel Avila.....	503.1
Do.....	do.....	130.1
San Pablo.....	J. J. Castro.....	18.1
Do.....	Francisco Castro.....	9.4
San Pablo and Ampliacion.....	Fco. Ma. Castro.....	67.5
San Pascual.....	Mariui.....	77.2
Do.....	Vincente Osa de la.....	149.2
Do.....	Bonifacio Lopez.....	224.2
Do.....	Henrique Sepulveda and José Perez.....	211.1
San Pedro.....	Guadalupe Barcenas.....	40.1
Do.....	Francisco de Haro.....	3.1
Do.....	C. Dominguez, formerly J. J. Domin- guez.....	65.4
San Pedro, Santa Margarita and Gallinas.....	Timotoe Murphy.....	346.1
San Pedro and San Pablo.....	Diego Forbes.....	170.1
San Pedro and Santa Margarita.....	Timotoe Murphy.....	4.7
San Rafael.....	José Ma. Berdugo.....	61.4
San Ramon Adicion a.....	J. M. Amador.....	25.2
San Ramon.....	B. Pacheco and Mño. Castro.....	50.1
Do.....	J. Ma. Amador.....	80.1
Do.....	Mno. Castro and B. Pacheco.....	9.5
Do.....	J. Ma. Amador.....	46.5
Do.....	do.....	66.5
San Simeon.....	Guillermo Garner.....	143.2
Santa Ana.....	Cosme, Banegas, C. Ayala.....	163.1
Do.....	L. del Castillo Negrete.....	106.5
Santa Ana del Chino.....	Anto. Ma. Lugo.....	231.1
Do.....	Julian Guileams.....	522.1
Santa Ana and Las Ranas.....	Tomas Anto. Yorba.....	189.2
Santa Ana and Quien Sabe.....	Manuel Larios, Juan Anzar.....	127.1
Santa Ana y Santa Anita.....	J. S. Escamilla and M. Castro.....	119.2



## CATALOGUE, &amp;c.—Continued.

*Alphabetical list of names of ranchos, &c.—Continued.*

Name of ranch.	Claimant.	Number of varas.
Santa Anita.....	B. and J. M. Lopez.....	65.2
Do.....	Vicente de la Osa.....	40.2
Do.....	Crisogeno Ayala, Pablo Banegas.....	55.1
Do.....	P. H. Read.....	240.1
Do.....	do.....	436.1
Do.....	Crisogeno Ayala and P. Banegas.....	.9
Santa Clara al Norte.....	Juan Sanchez.....	140.1
Santa Gertrudis.....	J. J. Nieto.....	103.1
Do.....	Josefa Cota.....	335.1
Do.....	Maximo Sais.....	482.1
Do.....	Josefa Cota.....	30.5
Do.....	Maximo Sais.....	18.7
Santa Helena.....	Antonio Igno. Avila.....	87.1
Santa Inez.....	Seminario de Utra. Sra. de Guadalupe.....	540.1
Santa Isabel.....	Ecequiel Soberanes.....	174.2
Santa San Pedro.....	Francisco de Haro.....	86.1
Santa Isabel.....	Lorenzo A. Hartnell.....	46.2
Do.....	J. Joaq. Ortega, Eduardo Stoke.....	391.1
Do.....	Francisco Arce.....	376.1
Do.....	do.....	7.7
Santa Manuela.....	Manuela Carlon, Fco. Branch.....	117.1
Do.....	Francisco Branchi.....	.9
Santa Margarita.....	Joaquin Estrada.....	253.1
Do.....	Pio and Andres Pico.....	235.1
Santa Maria de los Peñasquitos.....	Franco. Ruiz.....	98.1
Santa Monica.....	Franco. Marquez <i>et al.</i> .....	179.2
Do.....	Isidro Reyes, Franco. Marquez.....	330.1
Do.....	C. Anto. Carrillo.....	123.1
Santa Paula.....	Ramon Malo.....	542.1
Santa Rita.....	do.....	13.1
Do.....	do.....	.9
Do.....	Simeon Castro.....	.2
Santa Rosa.....	José de Jesus Pico.....	61.2
Santa Rosa or Santa Cruz Island.....	Andres Castellero.....	254.2
Santa Rosa.....	Juan Moreno.....	499.1
Do.....	Ignacio del Valle.....	158.1
Do.....	Julian Estrada.....	218.1
Do.....	Joaquin Carrillo.....	362.1
Do.....	Francisco Cota.....	160.1
Do.....	Ignacio del Valle.....	96.5
Do.....	Joaquin Carrillo.....	7.7
Do.....	do.....	.9
Santa Teresa.....	Joaquin Bernal.....	102.1
Do.....	do.....	36.5
Santiago.....	Teodosio Yorba.....	559.1
Do.....	Antonio Yorba.....	64.4
Santo Tomas.....	Pedro Gastelum y J. D. Sais.....	279.2
Do.....	do.....	.9
San Vicente.....	Tomas Talamantes.....	290.2
Do.....	Francisco Soto.....	70.1
Do.....	do.....	88.1
Do.....	Antonio Rodriguez.....	514.1
Do.....	Esteban Munras.....	269.1
Do.....	Francisco Figuerva.....	65.1
Do.....	Francisco Soto.....	91.5
San Vicente and Santa Monica.....	Francisco Sepulveda.....	.9
Sañel.....	Fernando Feliz.....	408.1
Saticoy.....	F. Lorenzana and R. Olivas.....	121.2
Saticoy and Santa Paula.....	Manuel Jimeno.....	204.1
Saucito.....	Graciano Manjaires.....	51.1
Saucito, El.....	do.....	2.5
Saticoy.....	Luis Francisco.....	218.2
Saucos.....	R. H. Thomas.....	404.1
Sansal, El.....	Feliciano and Mno. Soberanes.....	32.4
Do.....	José Fiburcio Castro.....	47.5
Do.....	José and Fco. Castro.....	15.7
Do.....	J. and F. Castro.....	.9
Sansalito.....	Juan Read.....	27.1
Do.....	G. A. Richardson.....	111.1
Sansal Redondo.....	Igno. Avila.....	337.1
Do.....	Ato. Igno. Avila.....	74.4
Sayanta.....	J. J. C. Mayor.....	234.1
Do.....	J. J. C. Mayors.....	.6
Sayantas.....	Joaquin Buelna.....	90.1
Do.....	do.....	38.5
Secspé.....	Carlos Anto. Carrillo.....	55.2
Do.....	C. Anto. Carrillo.....	100.1
Do.....	Carlos Anto. Carrillo.....	18.5
Secuan.....	Juan Lopez.....	71.2



## CATALOGUE, &amp;c.—Continued.

*Alphabetical list of names of ranchos, &c.—Continued.*

Name of ranch.	Claimant.	Number of varas.
Secuan .....	Juan Lopez .....	122.1
Seminario de Sta. Ines .....	Martina Castro .....	368.1
Shoquel .....	.....	31.1
Sierra La .....	Berndo. Yorba and Vte. Sepulveda .....	543.1
Sierra de Cucamongo .....	Ignacio Coronel .....	573.1
Sierra del Agua Caliente .....	Juan Foster .....	438.1
Sierra de Verdugos .....	Anto. F. Coronel .....	572.1
Sirni .....	J. de la Guerre .....	271.1
Sisquioc .....	Ma. Anto. Caballero .....	442.1
Do .....	M. Anto. Domingo. de Caballero .....	13.7
Sitio de San Benito .....	Norberto Cantara .....	26.2
Soledad, La .....	Rafael Serrano .....	43.1
Soledad de la Grulla .....	Guadalupe Melendez .....	295.2
Solis .....	Mariano Castro .....	26.1
Soguel .....	Martina Castro .....	13.5
Sotallome .....	H. D. Fitch .....	254.1
Sotoyomé .....	do .....	411.1
Soulajoullé .....	J. Ramon Mesa .....	365.1
Stanislao and San Joaquin .....	Juan Roland .....	548.1
Suanga .....	N. Miguel Pryor .....	39.2
Sud .....	J. B. Alvarado .....	34.1
Suey .....	Ramon Carrillo .....	144.1
Do .....	Fca. Carrillo de Thompson .....	133.2
Suisun .....	Fco. Solano .....	266.1
Suerte en el Tucho .....	Antonio .....	.9
Do .....	Tomas Col .....	.9
Do .....	Juan Buelna .....	.9
Do .....	Prudencio, Espinosa, & & .....	.9
Do .....	José Higuera .....	.9
Do .....	Josécillo .....	.9
Do .....	Agustin Martinez .....	.9
Do .....	Eleuterio Villa .....	.9
Suerta en la Vega del Rio .....	Concepcion Amesquita .....	.9
Do .....	Ramon y Clara Martinez .....	.9
Do .....	Carlos Espinosa .....	.9
Sur .....	Juan Bta. Alvarado .....	52.5
Do .....	do .....	.9
Sur Chiquito .....	Gabriel de la Torro .....	90.5
Suristac .....	Faustino y Anto. German .....	143.1
Solis, De Solis .....	Mariano Castro .....	26
Sacayac .....	Deposited .....	.....
San Tiburcio .....	L. C. 665, espediente .....	81
Tamales .....	José Snook .....	178.1
Tamales y Baulenes .....	J. R. Berry .....	73.1
Do .....	Rafael Garcia .....	124.1
Do .....	do .....	100.5
Tecate .....	Juan Bandini .....	44.1
Tejon .....	Antonio Aguirre, Ignacio de Valle .....	327.1
Temalpais .....	Hilaria Sanchez .....	441.1
Temascal .....	José Arellanes, Tco. Lopez .....	520.1
Temecula .....	José Anto. Estudillo .....	42.2
Do .....	Felix Valdes .....	3 8.1
Do .....	Pio y Andres Pico .....	331.1
Do .....	Julian Manrique .....	425.1
Do .....	J. Anto. Estudillo .....	39.1
Do .....	Pablo Apis .....	448.1
Do .....	J. Anto. Estudillo .....	61.5
Do .....	Pablo Apis .....	14.7
Do .....	do .....	.9
Do .....	Felix Valdes .....	.9
Do .....	Luis Valdes .....	.9
Tepusquet .....	Tomas Olivera .....	110.1
Tequepis .....	Ant. Ma. Villa .....	451.1
Terreno de la Asunción .....	Pedro Estrada .....	15.7
Terreno en el corral Padilla .....	Baldomero .....	98.5
Terreno en la parte del N. de San Fco .....	J. R. Berry .....	99.5
Terreno en las margs. del Rio de las Plumas .....	Guillermo Flügge .....	5.7
Terreno en las margs. del Sacto .....	Franklin Bates <i>et al</i> .....	.3
Terreno en las margs. del S. Joaquin .....	M. y P. Hernandez .....	4.7
Terro. entre el A. de las Nueces y la Sierra de los Golgs. .....	Ja. Sanchez de Pacheco .....	42.5
Terreno por el Rio Sacramento .....	Jacinto Rodriguez .....	10.7
Tia Juana .....	Santiago Arguello .....	64.4
Tierra Redonda, La .....	Faustino Cruz .....	101.2
Tierra Redonda .....	do .....	287.1
Tinaquiac .....	G. D. Foxen .....	272.1
Todos los Santos, Adicion á .....	J. Maxo. Martinez .....	47.2
Todos Santos .....	Guillermo Hartnell .....	252.1
Tofunga .....	Tco. y P. Lopez .....	215.1



## CATALOGUE, &amp;c.—Continued.

*Alphabetical list of names of ranchos, &c.—Continued.*

Name of ranch.	Claimant.	Number of varas.
Tokaya ó Jokaya .....	Cayetano Juarez .....	14. 7
Toljol .....	José e Ignacio Lopez .....	52. 1
Tololato .....	J. F. Armijo .....	194. 1
Toro, Adicion á el .....	José Ramon Estrada .....	103. 2
Toro, El .....	J. R. Estrada .....	7. 1
Do .....	José R. Estrada .....	79. 5
Toro, Rancho del .....	do .....	. 9
Trabuco .....	Santo. Arguello & .....	297. 1
Triunfo, El .....	Ant. Reyes .....	100. 2
Tucho, El .....	José Ant. Romero .....	74. 2
Do .....	J. A. Muñoz .....	33. 1
Tulareitos .....	Rafael Gomez .....	95. 1
Tulareitos, Los .....	do .....	59. 5
Tuleyomi .....	José Miguel Alvarado .....	212. 2
Tulucay .....	Cayetano Juarez .....	262. 1
Tzabaco .....	José G. Piña .....	312. 1
Ulistac .....	Cristobal and others .....	450. 1
Do .....	Cristobal, Marcelo y Pico .....	14. 7
Ulpino .....	Juan Bidwell .....	387. 1
Valle, El .....	Agustin Bernal, Ant. Ma. Pico .....	126. 1
Vallecitos, Los .....	Abel Stearns .....	502. 1
Valle de Los Flores .....	Gaspar O. Farrell .....	274. 2
Valle de las Palmas .....	Josefa C. Fitch y Guad. Arguello .....	471. 1
Valle de las Palmas y Caña. del Mezquito .....	G. Estudillo de Arguello y M. J. Carrillo de Fitch .....	17. 7
Valle de las Viejas .....	Leandro y Ramon Osuna .....	509. 1
Do .....	do .....	. 9
Valle de la Trinidad .....	Tomas Bona .....	556. 1
Valle del Pamó .....	J. J. Ortega, Ed. Stokes .....	325. 1
Valle de San Felipe .....	Felipe Castillo .....	562. 1
Do .....	Luis Arenas .....	37. 5
Do .....	Felipe Castillo .....	. 9
Valle de San José .....	Anto. Suñol .....	197. 2
Do .....	Silvestre de la Portilla .....	55. 1
Do .....	J. J. Warner .....	407. 1
Do .....	Silvestre de la Portilla .....	108. 5
Do .....	J. J. Warner .....	. 9
Valle de San Luis Gonzaga .....	Ines .....	242. 1
Valle de San Rafael .....	F. H. Gastelum .....	492. 1
Do .....	Treo. J. Gastelum .....	18. 7
Valle Despoblado .....	José Lopez .....	38. 1
Vega del Pajaro .....	Anto. Mo. Castro .....	35. 4
Vega del Rio .....	Juan Bandina .....	203. 1
Viña del Carriso .....	Agustin Olivera .....	130. 2
Viña de San Gabriel .....	F. Figuerva, as testament' y executor of Gen. Figuerva .....	158. 2
Viña de San Vicente .....	N. Alarada y J. de J. Osio .....	275. 2
Do .....	Pedro Duarte .....	300. 2
Virgenes, Las .....	D. Carrillo y Nemo. Dorñiz .....	54. 1
Do .....	J. M. Dominguez .....	91. 1
Do .....	N. Dominguez y D. Carrillo .....	53. 5
Yerba, Buena .....	Antonio Chaboya .....	9. 1
Yokalla .....	Cayetano Juarez .....	452. 1
Yokaya, Jokaya, ó Tokaya .....	do .....	14. 7
Yuba .....	Juan Smith and M. Nye .....	210. 2
Yueaipa .....	Ignacio Palomares .....	124. 2
Zanpones ó Sanjones .....	Gabriel Torre .....	169. 1

*Alphabetical list of approvals of grants of lands by the departmental assembly of California,  
recorded in the books of sessions.*

[Other approvals are also found in some of the espedientes in relation to grants, as mentioned therein.]

Grantee.	Grant.	Date approved.
Aguilar, Blas y José y J. A. Serano .....	Potrero de Paoma .....	Oct. 3, 1845
Aguilar, Rosario .....	Paguay .....	May 22, 1840
Aguirre y Valle .....	El Tejon .....	June 30, 1845
Alanis, Maximo .....	Sur .....	Apr. —, 1840
Alvarado, J. B .....	Vallecitos .....	Aug. 1, 1834
Alvarado y Sepulveda .....	Laguna Seca .....	May 26, 1840
Alvirez, Juan .....	Rincon de los Esteros .....	July 8, 1834
Alvisu, Ignacio .....	Milpitas .....	May 26, 1840
Alvisu, José Ma .....		Sept. 26, 1835



## CATALOGUE, &amp;c.—Continued.

*Alphabetical list of approvals of grants of lands, &c.—Continued.*

Grantee.	Grant.	Date approved.
Amador, José Ma	San Ramon	July 31, 1834
Do	Las Juntas de San Ramon	Aug. 29, 1835
Anzar, J. M., y M Larios	Santa Ana y Quien Sabe	May 22, 1840
Anzar, Juan	Aromitas	Oct. 10, 1835
Arce, Francisco	Santa Isabel	July 15, 1846
Arceo, J. Ma	Pilarcitos	May 22, 1834
Arrellanes, Maria	Terreno &	June 10, 1846
Arrellanes, Teodoro	Matilijo	Sept. 25, 1835
Arenas, L., y V. Moraga	Pauba	Mar. 16, 1846
Arenas, Luis	San Felipe	July 8, 1834
Arguello, Santiago	Milijo	May 17, 1834
Armenta, J. Ma	Punta de Pinos	May 17, 1834
Armija y Vaca	Los Putos	Oct. 1, 1845
Avila, J. y A. ó C	Niguil	Aug. 13, 1845
Avila, Miguel	San Miguelito	May 22, 1840
Baldomero	Corral de Padilla	Aug. 9, 1836
Bandini, J	Tecate	May 17, 1834
Bandini, Juan	Jurupa	May 22, 1840
Do	Ampliacion	May 26, 1840
Do	Guadalupe	Mar. 9, 1845
Barreto, Fabian		May 31, 1836
Do	El Pescadero	May 22, 1840
Belden, Josias	Barranca Colorado	Oct. 8, 1845
Bernal, Agn. Juan <i>et al</i>	El Valle	May 22, 1840
Bernal, Basilia	1,000 vs. &	Sept. 3, 1845
Bernal, Cornelio	Las Salinas	May 22, 1840
Bernal, J., and A. Suñol	Valle de San José (division)	May 21, 1845
Bernal, Joaquin ó Agustin	Santa Teresa	July 8, 1834
Bernal, José Cornelio	Rincon de la Bayona	May 26, 1840
Bernal, Juan, y Joaq. Moraga	Palos Colorados	Oct. 12, 1835
Berreyesa, Francisco	Rio de Musulacon	June 3, 1846
Berreyeza, S. N. y Freo	Cañada de Capay	June 3, 1846
Berry, Joaq. R	Tamales y Baulenes	Sept. 5, 1836
Bidwell, Juan	Colus	Oct. 8, 1845
Black, Santo	Jonive	June 10, 1840
Bojorquez, Bart	Laguna de San Anto.	June 3, 1846
Bolcoff, J. Anto	San Agustin	May 17, 1834
Bonilla, J. Maro	Ampliacion ó Huerhuero	June 10, 1846
Bonillo, Maro	Huerhuero	May 26, 1845
Boronda, Manl., y Blas Martinez	Los Laureles	May 22, 1840
Buelna, Antonio	Ampliacion	May 26, 1840
Buelna, Hilaria		May 19, 1834
Boon, Tomas	San Felipe y las Animas	May 22, 1840
Buelna, Joaquin	Sayanta ó Zayanta	July 10, 1834
Carrillo, Carlos A	Seespe	May 17, 1834
Carrillo, D., y Nemo. Dominguez	Las Virgenes	Aug. 29, 1835
Carrillo, J., y J. M. Covarrubias	San Carlos de Jonata	Oct. 1, 1845
Carrillo, Joaquin, and J. A. Carrillo	Paraje &	June 8, 1846
Carrillo, José	Las Pozas	May 22, 1834
Carrillo de Fitch, Ma. Juana, y G. Estudillo de Arguello.	Valle de las Palomas	June 3, 1846
Carrillo, P., é I. del Valle	Camulos	Sept. 26, 1845
Carrillo, Raimundo	Najogüy	Aug. 29, 1845
Casnillo, Felipe		June 10, 1846
Castillo Negrete, Javier	Quien Sabe	Oct. 12, 1835
Castillo Negrete, Luis	Santa Ana	Sept. 15, 1835
Castillo Negrete, Luis del	do	June 30, 1836
Castro, Carlos	San Fco. de las Llagas	May 17, 1834
Castro, Joaquin	San Andres	May 17, 1834
Castro, José Tiburcio	Sausal	July 31, 1834
Castro, M., y B. Pacheco	Las Juntas	May 17, 1834
Castro, Mariana	Soquel	May 17, 1834
Castro, R	Aptos	May 17, 1834
Castro, Simeon	Bolsa del Moro Cajo	May 31, 1836
Castro, Herederos de Fco	Estension de Cuchiyunes	May 30, 1840
Cervantez, Cruz	San Joaquin	July 7, 1836
Chard, Guillermo	Las Flores	Oct. 8, 1845
Cooper, J. B. R	Ojotska	May 17, 1834
Cooper, J. Bautista		May 31, 1836
Cooper, J., y P. de la Guerra	Nicasio	Aug. 29, 1845
Cordero, Miguel	Las Cruces	Aug. 9, 1836
Coronel, Ignacio	Cañada detras del Rancho de los Verdugos.	May 28, 1845
Cota, Francisco	Santa Rosa	May 22, 1840
Cota, Leonardo	Indemnizacion	May 13, 1845
Cota, Magda. y A. M. Ortega	Nuestra Sra del Refugio	July 15, 1834
Cristobal, Pio y Marcos	Ulistac	June 3, 1846
Covarrubias, J. M. y J. Carrillo	San Carlos de Jonata	Oct. 1, 1845
Castro, Simeon	Bolsa Nueva	May 26, 1840



## CATALOGUE, &amp;c.—Continued.

*Alphabetical list of approvals of grants of lands, &c.—Continued.*

Grantee.	Grant.	Date approved.
Delgado, Cristina .....	Rio de las Salinas .....	May 17, 1834
Den, N. A. ....	Los dos Pueblos .....	Oct. 3, 1845
Dominguez, José .....	Prietos y Najalayegua .....	June 3, 1840
Dominguez, Nemo. y D. Carrillo .....	Las Virgenes .....	Aug. 29, 1835
Dominguez de Caballero, Ma. Ant'a .....	Lisquoe .....	June 3, 1846
Escobar, Mareelino .....	San José del Sur Chiquito .....	May 26, 1840
Espinosa, Gabriel .....	Terreno inmediato a las Salinas .....	Aug. 9, 1836
Estrada, José Ramon .....	San Luis Gonzaga .....	Aug. 1, 1834
Estrada, Pedro .....	La Asuncion .....	July 11, 1845
Estudillo, de Arguello, Guade. y M. J. Carrillo de Fitch.	Valle de las Palmas .....	June 3, 1846
Estudillo, José Anto .....	Temecula .....	Sept. 10, 1835
Estudillo, José Joaq .....	Terreno & .....	June 3, 1846
Estudillo, de Pedroronalla .....	Cajon de San Diego .....	Oct. 3, 1845
Felipe .....	Buenavista .....	June 3, 1846
Felix ó Feliz, Fernando .....	Novato .....	May 22, 1840
Figuerua, Francisco .....	.....	July 12, 1836
Fitch, H. D. ....	Sotoyomé .....	June 13, 1845
Flugge, Carlos G'mo .....	Boya ó Boga .....	June 13, 1845
Follen, J. y 20 mas .....	Terreno en el Rio de San Joaquin .....	Oct. 8, 1845
Forbes, Diego .....	100 varas .....	June 3, 1846
Foster, Juan .....	Rancho de la Nacion .....	June 3, 1846
Do .....	El Trabuco .....	June 3, 1846
Do .....	Sierra del Agua Caliente .....	June 3, 1846
Galindo, José Anto .....	Laguna de la Merced .....	Sept. 26, 1835
Garcia, Nicolas .....	Santa Ana y Santa Anita .....	Aug. 9, 1836
Garcia, Rafael .....	Banlenes .....	July 5, 1836
Garfias, Manuel .....	Rincon de San Pascual .....	June 3, 1846
German, Antonio y Faustino .....	Juristac .....	Sept. 25, 1835
Gomez, J. J. ....	Real de las Aguilas .....	July 31, 1834
Gomez, Joaquin .....	Cañada de las Pinacates .....	Sept. 1, 1835
Gomez, Rafael .....	Los Tularcitos .....	Aug. 29, 1835
Gonzalez, José Rafael .....	.....	May 31, 1836
Gonzales, J. J. ....	San Antonio Pescadero .....	May 17, 1834
Gonzales, Teodoro .....	Caña de Laureles .....	Sept. 15, 1835
Do .....	.....	Mar. 31, 1840
Do .....	Rincon de la Punta del Monte .....	May 26, 1840
Guerra, P. de la y J. Cooper .....	Nicasio .....	Aug. 29, 1845
Guerra y Carrillo, J. A. de la .....	Alamos .....	May 22, 1840
Guerra y Noriega, J. de la .....	Simi .....	Sept. 26, 1845
Guerra, Francisco .....	Corral de Tierra .....	May 22, 1840
Cuerrero, Francisco .....	.....	June 10, 1846
Gulnae, Guillermo .....	Campo de los Franceses .....	July 15, 1846
Hartnell, Guillermo .....	Terreno & .....	Apr. 22, 1846
Hartnell, G. E. ....	Todos Santos .....	Apr. 22, 1846
Do .....	Parte del Alisal .....	July 15, 1834
Hernandez, Felipe .....	Laguna de las Calabazas .....	May 17, 1834
Hernandez, José y Sebn. Peralta .....	Los Gatos .....	May 26, 1840
Hernandez, Jn. Ma .....	Ojo de Agua de la Coche .....	Aug. 29, 1835
Higuera Fulgencio .....	Agua Caliente .....	May 22, 1840
Higuera Nicolas .....	.....	May 31, 1836
Iglesia de Santo Tomas de la Baja California .....	.....	June 3, 1846
Jimeno, Manuel .....	Terreno .....	June 3, 1846
Do .....	Salsipuedes .....	Aug. 29, 1835
Jimeno Casarin, Manuel .....	Santa Paula y Saticoy .....	May 26, 1840
Do .....	Salsipuedes .....	June 19, 1834
Juarez, Cayetano .....	Yokay .....	June 3, 1846
Kayser Sebastian .....	Llano Seco .....	Oct. 8, 1845
Larios, M. y J. M. Anzar .....	Santa Ana y Quien Sabe .....	May 22, 1840
Larkin, hijos de T. O. ....	Terreno & .....	Apr. 22, 1846
Lataillade, Cesario .....	Huichica .....	July 8, 1846
Leese, J. P. ....	.....	Sept. 26, 1845
Linarez, J. de la Luz .....	Los Nogales .....	May 22, 1840
Lino, Maria .....	Terreno & .....	June 3, 1846
Livermore, R. y José Noriega .....	Los Pocitas del Valle .....	May 22, 1840
Lopez, Juan .....	Cañada de San Vincente .....	June 3, 1846
Lorenzana, Apol .....	Jamaacha .....	May 22, 1840
Littlejohn, David .....	Las Carneros .....	June 19, 1834
McNamara & .....	Colonia & .....	July 7, 1846
McIntosh, Manuel .....	Estero Americano .....	May 22, 1840
Machado, Ag'n. ....	Terreno en las cercanias de Los Angeles.	May 15, 1845
Machado, Juan .....	Descanso .....	June 3, 1846
Malarin Juan .....	Guadalupe .....	May 17, 1834
Do .....	Guadalupe y Llanitos del Correo .....	Aug. 29, 1835
Do .....	Chular .....	May 26, 1840
Malo, Ramon .....	Paraje de Sta Ana .....	June 3, 1846
Manjarres, Graciano .....	Saucito .....	May 17, 1834
Manrique, Juan et al. ....	Mision Vieja de Sn. Miguel .....	June 3, 1846



## CATALOGUE, &amp;c.—Continued.

*Alphabetical list of approvals of grants of land, &c.—Continued.*

Grantee.	Grant.	Date approved.
Mansiel, Antonio	Un sitio &	June 3, 1846
Manuel, Urbano y Odon	Escorpion	June 3, 1846
Manzandi, Catalina	Laguna Seca	May 17, 1834
Do	do	May 17, 1834
Ma. Candida Ma. Jacta. Ma. de los Angeles	El Refugio	May 22, 1840
Mariner, Juan	Rincon de San Pascual	Aug. 29, 1835
Marquiz ó Marques, Francisco	San Vicente, Santa Monica, &	Apr. 3, 1840
Martin, Juan	Novato	May 22, 1840
Martinez, Santo. y 20 familias	La Jaboneria	Oct. 8, 1845
Martinez, Blas y Manuel Boronda		May 22, 1840
Martinez, Ignacio	El Pinole	June 14, 1834
Martinez, M. y D. Peralta	Corte de Madera	May 17, 1834
Mesa, Francisco	Corral de Tierra	May 22, 1834
Mesa, Luis	Pilarcitos	Sept. 22, 1835
Mesa, Prado	San Ant'o	May 22, 1840
Mesa, Sras	El Medano	May 22, 1840
Moraga, V. y L. Arenas	Pauba	Mar. 16, 1846
Moreno, Juan	Santa Rosa	June 3, 1846
Morillo, J. y T. Romero	Potrero de la Mision de Sn. Gabriel	June 3, 1846
Muños, Juan Ant'o	(Zayanta) Say Huerta de la Nacion	Sept. 15, 1835
Murphy, Timoteo	Sn. Pedro, Sta. Margarita y Gallinas	Apr. 22, 1846
Mos, Manuel, by renunciation of J. Buelna	Zayanta	May 29, 1840
Mesa, Francisco	Corral de Tierra	May 19, 1840
Noe, Jesus	Paraje, &	June 3, 1846
Norriega, José	El Medano	Oct. 1, 2, 7, 15, 1835.
Noriega, José y R. Livermore	Las Pocitas del Valle	May 22, 1840
Odon, Urbano y Manuel	Escorpion	June 3, 1846
Olvera, Agustin	Sierra de Cayamaca	June 3, 1846
Orozca, J. M	Quijote ó Guijote	June 3, 1846
Ortega, Quentin, <i>et al.</i>	San Isidro	July 17, 1834
Ortega, A. M. y Magda. Cota	Atra Sra del Refugio	July 15, 1834
Ortega, José J.	Santa Paula	July 24, 1834
Ossa, Vicente de la		Mar. 18, 1846
Ossuna, J. M	San Dieguito	Sept. 24, 1845
Osuna, Ky. L	Valle de las Viejas	June 10, 1846
Pacheco, B. y M. Castro	Las Juntas, San Ramon	May 17, 1835
Pacheco, Ignacio	Agua Caliente	July 19, 1836
Pacheco, Salvio	Monte del Diablo	June 19, 1834
Padilla, Nepomuceno	Roblar de la Miseria	June 3, 1846
Pedrorena, Miguel T	San Jacinto nuevo y Sa. Potrero	July 8, 1846
Peralta, D. y Maxo. Martinez	Corte de Madera	May 17, 1834
Peralta, S. y J. Hernandez	Los Gatos	May 26, 1840
Perez, Juan Crispin	El Paso de Bartolo Viejo	Aug. 29, 1835
Perez, Pacheco, Francisco		May 31, 1836
Do	Ausaimas	May 17, 1834
Pico, Andres	Rio de los Moquelemas	July 15, 1846
Pico, A. M., A. Suñol, A. y J. Bernal	El Valle	May 22, 1840
Pico, Dolores é Ignacio Pacheco	San Cayetano	Sept. 30, 1830
Pico, Pio	Jamul	June 3, 1846
Pico, J. de Jesus	Piedra Blanca	May 22, 1840
Pico, Pio y Andres	Sta. Margarita, Sn. Onofre y las Flores	July 11, 1845
Piña, Lazaro	Agua Caliente	Oct. 8, 1845
Pio, Cristobal Marcos	Ulistac	June 3, 1846
Portilla, Silvestre de la	Nalle de San José	July 30, 1834
Do	San José	July 1, 1836
Ramirez, Angel (C.)	Cañada honda	Oct. 15, 1835
Ramirez, J. M	1,000 varas	Sept. 3, 1845
Read, Juan	El Sausalito	Aug. 29, 1835
Reid, Perfecto H	Santa Anita	May 7, 1845
Reyes, Isidro	Santa Monica, Sn. Vicente &	Apr. 3, 1840
Ridley, T	Collayomi	Sept. 26, 1845
Rock, Jorge	Güenoc	Sept. 26, 1845
Rodriguez, J.	Cañada de San Miguel	June 10, 1846
Rodriguez, Francisco	Arroyo del Rodeo	July 31, 1834
Roland, J. y J. Workman		Apr. 30, 1845
Roland, Juan	La Puente	May 28, 1845
Roland, Workman	do	Oct. 3, 1845
Roland, Mno. R.	Cañada del Habra	May 22, 1840
Romero, T. y J. Morillo	Portrero de la Mision vieja de San Gabriel	June 3, 1846
Romero, J. Anto	Plan del Tucho	May 17, 1834
Rufus, Ernesto	German	June 10, 1846
Saens o' Saens, Domingo	Cañada de Herrera	May 22, 1840
Sainsevain, P	R. en el Rio de San Lorenzo	June 10, 1846
Saiz, Maximo	Santa Gertrudis	June 3, 1846
Sanchez de Pacheco, Juan	Arroyo de las Nueces y de los Bolbones.	July 22, 1834
Sanchez, José	Bariburi	Sept. 22, 1835



## CATALOGUE, &amp;c.—Continued.

*Alphabetical list of approvals of grants of lands, &c.—Continued.*

Grantee.	Grant.	Date approved.
Sanchez, Gil .....	Arroyo de la Laguna .....	May 19, 1840
Sanchez, Colima, Tomas .....	.....	June 10, 1846
Sanchez, José Maria .....	Tequesquito .....	Oct. 12, 1835
Scott, D. y J. Wilson .....	Cañada del Chorro .....	July 8, 1846
Do .....	Cañada de los Osos, Pecho é Islai .....	Oct. 1, 1845
Sepulveda, y Alvarado .....	Los Valle citos .....	May 26, 1840
Shelden, J .....	Cosumnes .....	Apr. 22, 1846
Serreno, J. A. B. y J. Aguilar .....	Potrero de Paoma .....	Oct. 3, 1845
Smith, Esteban .....	Bodega .....	Apr. 22, 1846
Snook, J. Francisco .....	San Bernardo .....	June 13, 1845
Do .....	Tamales .....	May 22, 1840
Soberanes, F. y M .....	Alisal .....	July 15, 1834
Solano, Francisco .....	Suisun .....	Oct. 3, 1845
Soto, Josefa .....	Terreno & .....	Apr. 22, 1846
Sparks, Isaac .....	Huasna .....	June 10, 1846
Soto, Joaquin .....	Cañada de la Carpinteria .....	Sept. 5, 1835
Spense, David .....	El Encinal .....	Aug. 29, 1835
Stearns, Abel .....	Vallecitos .....	June 3, 1846
Stokes, E. and J. Ortega .....	Valle del Pamo y Sta. Isabel .....	June 25, 1845
Suñol, A. J., y A. Bernal .....	Falle de San José .....	May 21, 1845
Sepulveda, Francisco .....	San Vicente y Sta. Monica .....	Apr. 3, 1840
Tapia, Gregorio .....	El Aguajito .....	Sept. 3, 1835
Thomas, Roberto H .....	Los Saucos .....	Oct. 8, 1845
Ticó, Fernando .....	Terreno & .....	June 10, 1846
Toomes, Alberto G .....	Rio de los Molinos .....	Oct. 8, 1845
Torre, Gabriel de la .....	Zanjones .....	May 22, 1840
Torres, Manuel .....	Muniz .....	Mar. 16, 1846
Urbano, Odon y Manuel .....	Escorpion .....	June 3, 1846
Vasquez, Hermenegildo .....	.....	July 1, 1836
Valdes, F., representado per L. Vignes .....	Temecula .....	May 9, 1845
Valencia, Candido .....	Acalanes .....	July 19, 1834
Valle y Aguirre .....	El Tejon .....	June 30, 1845
Valle, Ignacio del .....	Santa Rosa .....	July 1, 1836
Vallejo, M. G .....	Petaluma .....	June 21, 1834
Vallejo, Josefa .....	El Chualar .....	Aug. 29, 1835
Vallejo, M. G .....	Petaluma .....	Sept. 26, 1845
Vallejo, S .....	Napa .....	Oct. 8, 1845
Vecindario de Santa Barbara .....	Carpinteria .....	July 1, 1836
Villa, Anto. Maria .....	Tequepis .....	June 3, 1846
Villavicencio, Rafael .....	Cañada del Portesuelo Lasta los Cay- ucos .....	May 26, 1840
Vigget, J .....	Terreno .....	June 23, 1845
Vasquez, Tiburcio .....	Corral de Tierra .....	May 22, 1840
Warner, Juan .....	Paraje de San José .....	May 21, 1845
Wilson, J. and D. Scott .....	Cañada de los Osos Pecho é Islai .....	Oct. 1, 1845
Do .....	Cañada del Chorro .....	July 8, 1846
Workman, J., and J. Roland .....	La Paente .....	Oct. 3, 1845
Do .....	.....	Oct. 3, 1845
Yorba, Bernardo .....	Cañon de Sta. Ana .....	July 31, 1834
Yorba, Maria Isabel .....	Guadalaxa .....	July 3, 1836
Yount, George .....	.....	July 1, 1836

*List of 580 complete expedientes in the archives found arranged in numerical order.*

1	José Ramon Estrada.	23	Juan José Gonsalez.
2	José Cornelio Bernal.	24	Bernardo Yorba.
3	Francisco de Haro.	25	Guillermo G. Dana.
4	Joaquin Soto.	26	Mariano Castro.
5	Gregorio Tapia.	27	Juan Read.
6	Maximo Martinez and Do. Peraltaa.	28	Daniel Rosas.
7	José Ramon Estrada.	29	Juan Ma. Hernandez.
8	José Mariano Estrada.	30	José Noriega.
9	Anto. Mo. Ortega y Mag. Cota.	31	Martina de Castro.
10	José Anto. Galindo.	32	Simeon Castro.
11	José Carrillo.	33	Juan Anto. Muñoz.
12	Juan Maria Marron.	34	Juan B. Alvarado.
13	Gabriel Espinosa.	35	Candelario Valencia.
14	Isabel Yorba.	36	Juana Sanchez de Pacheco.
15	Francisco Figueroa.	37	José Ma. Armenta.
16	Cristina Delgado.	38	José Lopez.
17	Apolinaria Sorenzana.	39	José Anto. Estndillo.
18	Joaq. Isidro Castro.	40	Guadalupe Barcenaz.
19	Carlos Castro.	41	Teodoro Gonzales.
20	José Sanchez.	42	José Ma. Arceo.
21	Juan Malarin.	43	Rafael Serrano.
22	Juan Bta. R. Cooper.	44	Juan Bandine.



## CATALOGUE, &amp;c.—Continued.

*List of 580 complete expedientes in the archives, &c.—Continued.*

45	Joaquin Higuera.	127	Man'l Larios and Juan Anzar.
46	Sebastian Rodrigues.	128	José Dolores Pacheco.
47	A. and B. Rodriguez vs. Sebn. Rodriguez.	129	José Noriega and Rob. Livermore.
48	Trinidad Espinosa.	130	Miguel Abila.
49	José Ma. Sanchez.	131	José Boleoff.
50	Bartolo, Pacheco y Maro. Castro.	132	José Anto. de la Guerra.
51	Graeciano Manjarres.	133	Joaquin Castro.
52	José Ignacio Lopez.	134	José Rafael Gonzales.
53	Luis Mesa.	135	Ma. de Espiritu Sto. Carrillo.
54	Domingo Carrillo y N. Dominguez.	136	Juan del Prado Mesa.
55	Criso. Ayala y Pablo Vanegas.	137	Mig. Cordero.
56	José Anto. Botiller.	138	Diego Olivera and Teod. Arellanes.
57	Patricio Ontiveros.	139	Rodriguez <i>et al.</i> and José de la Guerra.
58	Anastasio Carrillo.	140	Juan Sanchez.
59	Pedro Juan Sebet.	141	Palomar, Bejar and Arenas.
60	Santiago E. Arguello.	142	Fernando Tico.
61	Juan Crispin Perez.	143	Anto. Faustino German.
62	Juan B. Alvarado.	144	Ramona Carrillo.
63	Teodoro Gonzalez (see expediente 161).	145	Isabel Yorba.
64	Salvio Pacheco.	146	Carmen Dominguez.
65	Francisco Figueroa.	147	José de la Guerra y Noriega.
66	Damaso A. Rodriguez.	148	José Pedro Ruiz.
67	Roerto Pardo.	149	Fran'co Perez Pacheco.
68	Manuel Cordero.	150	L. A. and J. A. Olivera.
69	Catalina Nansaneli de Munras.	151	Faviano Varreto.
70	Francisco Soto.	152	Teodo. Arellanes.
71	Anto. del Valle.	153	Nicolas Higuera.
72	Juan Ma. Osuna.	154	Jorge C. Yount.
73	Jayme Ricardo Berry.	155	Silvestre de la Portilla.
74	José Anto. Alviso.	156	Cruz Cervantes.
75	Francisco Gugo.	157	Man'l Garfias.
76	Teodoro Gonzales.	158	Ignacio de Valle.
77	Catalina Mansaneli de Munras.	159	Ermenejildo Vasquez.
78	Angel Ramires.	160	Fran'co Cota.
79	Rafael Castro.	161	Felipe Aguila (see esp. 63).
80	José Ma. Amador.	162	José Joaquin Gomez.
81	David Littlejohn.	163	Crisogono Ayala.
82	Juan Anzar.	164	Simeon Castro.
83	Felipe Vasquez.	165	Ign. Pacheco.
84	F. Gutierrez.	166	Vicente Cantua.
85	Felipe Vasquez.	167	Domingo Saens.
86	Fco. de Haro.	168	Tomas Boun.
87	Anto. Ignacio Abila.	169	Gabriel de la Torre.
88	Fco. Soto.	170	Diego Forbes.
89	Cosme Vanegas.	171	Joaq. and José Anto. Carrillo.
90	Joaquin Buelna.	172	Man. Ma. Intosh.
91	José Ma. Dominguez.	173	Rosario Aguilar.
92	Antonia Chavoya.	174	José Anto. Boleoff.
93	José Ma. Andrade.	175	Boronda and Martinez.
94	David E. Spense.	176	Juan Malarin.
95	Rafael Gomez.	177	J. Cornelio Bernal.
96	Juan Ma. Cañedo.	178	José Snook.
97	Juan Mariner.	179	Tiburcio Vasquez.
98	Tco. Ma. Ruiz.	180	Francisco Guerrero Palomares.
99	Anto. Mo. Joaqn. Amesquita.	181	Mariano R. Roldan.
100	Carlos Anto. Carrillo.	182	Juan (Roldan) say Martin.
101	Andres Ibarra.	183	Encarnacion Sepulveda.
102	Juan Alvarez and Joaqn. Bernal.	184	A. & T. Maehado, and Talamantes.
103	Juan José Nieto.	185	José Ant. and José Mig'l Mesa.
104	Felipe Vasquez.	186	Luis Peralta.
105	Francisco Rodriguez.	187	Andreas Castillero.
106	Angel Ma. Castro.	188	Fernando Felix.
107	Francisco Mesa.	189	José de Jesus Pieo.
108	Alejandro y Sebastian Rodriguez.	190	José de Jesus Noe.
109	Juan Wilson.	191	José Eusebio Boronda.
110	Tomas Olivera.	192	Vicente Cané.
111	Guillermo Anto. Richardson.	193	José Anto. Romero.
112	Alejandro Rodrigues.	194	José Teo. Armijo.
113	José Miguel Villagran.	195	José de la Luz Linares.
114	Ignacio Alvisa.	196	Blas (Indigena).
115	Fructuoso del Real.	197	Anto. Buelna.
116	Hilario Buelna.	198	Marcelino Esecobar.
117	Franco Branch and Man'la Carlon.	199	Rafael Villavieeneio.
118	Felipe Hernandez.	200	Salvador Vallejo.
119	José Bereyesa.	201	Carlos Cayetano Espinosa.
120	Guillermo Sanchez.	202	José Cornelio Bernal.
121	Felipe Vasquez.	203	Juan Baudini.
122	Juan Lopez.	204	Man'l Jimeno Casarin.
123	Carlos Anto. Carrillo.	205	José Ma. Alvarado.
124	Rafael Garcia.	206	Sebastian Peralta and José Hernandez.
125	Fulgencio Higuera.	207	Ignacio Pacheco.
126	Pieo Bernal and Bernal.	208	Juan Cooper.



*List of 580 complete expedientes in the archives, &c.—Continued.*

209	Anto. Olivera.	291	José. Anto Castro.
210	Roberto (Indigena).	292	Joaquin Soto.
211	Enrique Sepulveda and Je Perez.	293	José Reyes Berreyesa.
212	Tco. Perez Pacheco.	294	Justo Larios.
213	Marcos West.	295	Juan Ma. Marron.
214	José Ortega.	296	Angel Castro and José A. Rodriguez.
215	Franco. and Pedro Lopez.	297	Maria Anta. Linares.
216	José de Jesus Vallejo.	298	Simeon Castro.
217	Candelario Miramontes.	299	Francisco Soto.
218	Julian Estrada.	300	José Joaquin Estudillo.
219	José Amesti.	301	Nicolas A. Den.
220	Juan Coppinger.	302	Joaquin de la Torre.
221	Mo. Anto. Mesa.	303	Maria Concepcion Borrona.
222	Gil. Ibarra.	304	Joaquin Alvarado.
223	Guillermo Castro.	305	José de los Santos Berreyesa.
224	Jesus Molina.	306	Mariano G. Vallejo.
225	Eduardo A. Bale.	307	Pedro Carrillo.
226	Damaso Anto. Rodriguez.	308	Esteban Smit.
227	José Z. Fernandez and José Noriega.	309	Guillermo Castro.
228	José Anto. Pico.	310	Jorge C. Yount.
229	Lazaro Piña.	311	Tomas Hardy.
230	José Piña.	312	José German Piña.
331	Anto. Ma. Lugo.	313	José Anto. Carrillo.
232	Luis Mesa.	314	Pedro Carrillo.
233	Juan José Mayors.	315	José Ma. Mejia and Juan P. Pacheco.
234	J. J. C. Mayors.	316	Francisco Rico.
235	Pio and Andres Pico.	317	Victor Sinares.
236	Andres Duarte.	318	José de Jesus Vallejo.
237	José Ma. Villavicencio.	319	José Anto. Estudillo.
238	Mariano Soberanes.	320	Camilo (Indian).
239	Maria Josefa Soberanes.	321	Isaac J. Sparks.
240	Perfecto Hugo Reid.	322	Antonio Ma. Osio.
241	Ramundo Olivas and Felipe Lorenzana.	323	Marcelino Escobar.
242	Marina Ines (Indigena).	324	Ramon Rodriguez.
243	José Rafael Gonzales.	325	José Joaqn. Ortega.
244	Joaquin Ruis.	326	José Ma. Covarrubias.
245	Jacobo Luis de Leese.	327	Igno. del Valle and José Anto. Aquirre.
246	Jacobo P. Leese.	328	Joaquin Shelden.
247	Santiago Arguello <i>et al.</i>	329	Anastacio Chaboya.
248	Feliciano Soberanes.	330	Franco. Marquez and Isidro Reyes.
249	Joaquin Moraga and Juan Bernal.	331	Pio and Andres Pico.
250	Juan A. Sutter.	332	José Anto. Cominguez.
251	Guadalupe Cantua.	333	José Joaquin Briones.
252	Guillo. Edo. Hartnell.	334	José Antonio Alviso.
253	Joaquin Estrada.	335	Josefa Cota.
254	Enrique Domingo Fitch.	336	José Anto. Romero.
255	Maria Igno. Lopez.	337	Ignacio Avila.
256	Julian Pope.	338	José Sepulveda.
257	José Ma. Ramirez.	339	Ayuntamiento de San José.
258	Francisco Villa.	340	Guillermo Gulnac.
259	Antonino Buelna.	341	Mariano and Pedro Hernandez.
260	Martin Olivera and Vicente Feliz.	342	Manricio Gonzales.
261	José Dolores Ortega.	343	Rafael Cacho.
262	Cayetano Joares.	344	Guillermo Welch.
263	Mariano Bonilla.	345	Igno. Peralta.
264	Juan B. R. Cooper.	346	Timoteo Murphy.
265	Maro. Tco. Estrada.	347	Sebastian Nuñez.
266	Franco Solano.	348	Julian Ursua.
267	Franco Snook.	349	Guillermo Flugge.
268	Victor Linares.	350	Ignacio Uerdugo.
269	Esteban Munras.	351	Tomas Cole.
270	Juan Roland.	352	J. B. Alvarado.
271	José de la Guerra y Noriega.	353	Diego Forbes.
272	Guillermo Domingo Foxen.	354	Roberto (Neofita).
273	Zeferino Carlon.	355	Octaviano Gutierrez.
274	José Serrano.	356	Agricio (Indigena).
275	Mariano Soberanes.	357	Nicolas Doderó.
276	Francisco Garcia.	357	Francisco Sepulveda.
277	Mariano Bonilla and Trifon Garcia.	358	Tomas Pacheco and Agustin Alviso.
278	Ignacio Martinez.	359	Edwardo A. Farwell.
279	José Sepulveda.	360	Francisco and Ramon Haro.
280	Juan Vioget.	361	Domingo Felis.
281	Guillermo Wolfskill.	362	Joaquin Carrillo.
282	Mariano Bonilla.	363	Eugenio Montenegro.
283	Lugos <i>et al.</i> and Sepulveda.	364	Agustin Narvaez.
284	Maria Manuela Valencia.	365	José Ramon Mesa.
285	Juan and Concepcion Avila.	366	Maximo Martinez.
286	Lorenzo Pinedo.	367	José Amesti.
287	Faustino Cruz.	368	Seminario en Sta. Ines.
288	Andrez Ibarra.	369	Freo. Arias and Saturnino Carriaga.
289	Jose Anto. Dominguez	370	Anto. Maria Pico.
290	Rafael Villavicencio.	371	Valentin Higuera and Rafael Felis.



## CATALOGUE, &amp;c.—Continued.

*List of 580 complete expedientes in the archives, &c.—Continued.*

372	Pedro Cordero.	454	Basilio Bernal.
373	Miguel Cordero.	455	Pedro Estrada.
374	José Ma. Carrasco.	456	Felipe (Indian).
375	Pedro Narvaez.	457	Antonio Chavez.
376	Francisco Arce.	458	Tiburcio Roman and Francisco (Indians).
377	Damaso Rodriguez.	459	Andres and José Manuel (Indians).
378	Biviano (Indigena).	460	Juan de Jesus and José Gabriel (Indians).
379	Manuel Dias.	461	Urbano Odon and Manuel (Indians).
380	José Ma. Aguilar.	462	Jorge Rock.
381	Tomas Blanco.	463	Juan Maria Osuna.
382	Ignacio Machado.	464	Agustin Olvera.
383	Roberto Tomas Ridley.	465	Manuel Vaca and Juan F. Armijo.
384	Rafael Estrada.	466	Sino Maria (Indian).
385	Roman Sanchez.	467	Ma. Antonio Estudillo de Pedrorena.
386	Castillo Soto.	468	José Maria Orozco.
387	Juan Bidwell.	469	José Dominguez.
388	Anto. Balenzuela and José Anto. Alvitre.	470	Diego Scott and Juan Wilson.
389	Guillermo A. Leidersdorff.	471	Maria Josefa Carrillo de Fitch <i>et al.</i>
390	Vicente Moraga.	472	Sebastian Kayser.
391	José J. Ortega and Edo. Stokes.	473	Juan Bidwell.
392	Guillo. Dickey.	474	Diego Scott and John Wilson.
393	José Anto. Serrano <i>et al.</i>	475	Anastasio Carrillo.
394	Ignacio Machado.	476	Manuel Delivera and Rufim.
395	Raymundo Carrillo.	477	Pablo and José Apis (Indians).
396	Antonio Ma. Osio.	478	Octaviano Gutierrez.
397	Juan Miranda.	479	Agustin Davila.
398	Felis Valdez.	480	Elezeario and Pastor (Neophitas).
399	José B. Chiles.	481	Joaquin and José Anto. Carrillo.
400	Do	482	Maximo Sais.
401	Pedro Sainsevain.	483	Bartolome Bojorquez.
402	José Ma. Abrego.	484	Juan N. Padilla.
403	Elial Grimes.	485	Narciso Burnett.
404	Roberto H. Thomas.	486	Serafin de Jesus (Indians).
405	Alberto G. Toomes.	487	Esteban Smith.
406	Mariano Bonilla.	488	Manuel Torres.
407	Juan Warner.	489	Juan Bandini.
408	Fernando Felis.	490	Guadaloupe Melendez.
409	Augustin Yansens.	491	Juan Foster.
410	Luis Areyanes, Em. Mig. Ortega.	492	Francisco Javier Gastelum.
411	H. D. Fitch.	493	Pio Pico.
412	Josefa Soto.	494	José de Jesus Noé.
413	Manuel Jimeno.	495	Miguel de Pedrorena.
414	Francisco Dye.	496	Juan Lopez.
415	Josiah Belden.	497	Juan Machado.
416	Joel P. Dedmond.	498	Julian Marigae, Yorba <i>et al.</i>
417	T. O. Larkin (hijos de).	499	Juan Moreno.
418	Guillermo Chard.	500	Iglesia de Santo Tomas.
419	Guillermo Eduardo Hartwell.	501	Santiago Black.
420	P. de la Guerra and John Cooper.	502	Abel Stearns.
421	Jacinto Rodriguez.	503	Miguel Abila.
422	Iñigo (Indian).	504	Ramon Rodriguez.
423	Joaquin Shelden.	505	Maria Arellanes.
424	Juan M. Vaca.	506	José Ma. Bonilla.
425	Julian Manriquez.	507	Ernesto Rufus.
426	Vicente de la Ossa.	508	Pedro Sainrerain.
427	Samuel (Indian).	509	Ramon and Leandro Osuna.
428	Demesio Dominguez.	510	Francisco Berreyesa.
429	Tapia & Co.	511	Santiago Nemiseo and Fran'co Berreyes.
430	Jacobo P. Leese.	512	Maria del Ref'o Estudillo de Aguirro.
431	Francisco Alviso <i>et al.</i>	513	Francisco Quijada.
432	Juan Castañeda.	514	Antonio Rodriguez.
433	José de Jesus and Sixto Berreyesa.	515	Julian Manriquez.
434	Ramon Valencia (Indian).	516	Francisco Lugo.
435	Miguel Blanco.	517	José Ma. Cañedo.
436	Perfecto Hugo Reid.	518	Julian Gordon.
437	Agustin Olvera.	519	Maximo Alanis.
438	Juan Foster.	520	Fran'co Lopez and José Arrellanes.
439	Manuel Antonio (Indian).	521	Santiago Johnson.
440	Tomas Gutierrez.	522	Julian Willan.
441	Hilaria Sanches.	523	José Ma. Rajo.
442	M. Anto. Dominguez de Caballero.	524	Francisco Vadillo.
443	José Lederma <i>et al.</i> Indigenas.	525	Miguel Blanco.
444	Jorge Morrillo <i>et al.</i>	526	Joaquin <i>et al.</i>
445	Emigdio Bejar.	527	Seferino de Jesus.
446	Felipe (Indian).	528	Ignacio Coronel.
447	Carlos Baric.	529	Juan Ma. Osuna.
448	Pablo Apis (Indian).	530	Emilio Joaquin.
449	Maria Juana (Indian).	531	Apolinario Lorenzana.
450	Marcus, Pio, and Cristobal (Indians).	532	Vicente Sanchez.
451	Anto. Ma. Villa.	533	Prospero (Indian).
452	Cayetano Juarez.	534	Narciso Fabrigat.
453	Enrique Dalton.	535	Manuel Delivera.



## CATALOGUE, &amp;c.—Continued.

*List of 580 complete expedientes in the archives, &c.—Continued.*

536	Juan B. Alvarado.	558	José Serrano.
537	Arno Maube.	559	Teodosio Yorba.
538	Santiago Leyba.	560	Francisco R. Lopez and partners.
539	Santiago Urista.	561	Guillermo Hinckley.
540	Seminario de Sta. Inez.	562	Felipe Castillo.
541	Andres Ibarra.	563	Simeon (Indian).
542	Ramon Malo.	564	Maria del Refugio Cezeña <i>et</i> Brothers.
543	Bernardo Yorba.	565	José Loreto and Juan Sepulveda.
544	Juan Roland and Julian Workman.	566	Francisco Arce.
545	Vicente Moraga and Luis Arenas.	567	Antonio Ignacio Abila.
546	Narciso Botello and Agustin Olvera.	568	Francisco Sepulveda.
547	José Maria Flores.	569	Cesario Lataillade.
548	Juan Roland.	570	Daniel Hill.
549	José Ignacio Berreyesa.	571	Juan Nepomuceno Padilla.
550	Guillermo Knight.	572	Antonio F. Coronel.
551	Luis Arenas and Juan Roland.	573	Ignacio Coronel.
552	José Andrade.	574	Agustin Juan Bta. Martin and J. Bta. Bouch.
553	Fernando Tico.	575	Tomas M. Robbins.
554	Pedro C. Carrillo.	576	Tomas Sanchez Colima.
555	Hilario Morillo.	577	Tomas Herrera and Geronimo Quintana.
556	Tomas Bona.	578	Henrique Fitch and Francisco Guerrero.
557	Santiago Domingo Arce.	579	Juan G. Warner.

*List of 315 incomplete expedientes in the archives, found arranged in numerical order.*

1	Manuel Nieto.	54	Inocente Garcia.
2	Pablo Grijalba.	55	Carlos Antonio Carrillo.
3	Do.	56	Damaso Antonio Rodriguez.
4	Francisco Reyes.	57	Valentin and Manuel Cota.
5	Mariano Castro.	58	Juan Bautista Carrillo.
6	José de Ortega.	59	Gil Sanchez.
7	Francisco Ortega.	60	Tomas M. Robbins.
8	José Manuel Ruiz.	61	José de Jesus Pico.
9	José D. Ibarra.	62	Hermilano Sanchez.
10	Guillermo Cota.	63	Juan Albitre.
11	Mariano Soberanes.	64	Vicente Sanchez.
12	Guillermo Cota.	65	Bernardino and José Lopez.
13	Ignacio Martinez.	66	Juan and José Antonio Feliz.
14	Peña and Romero.	67	Isaac J. Sparks.
15	Francisco Pacheco.	68	Anastacio Carrillo.
16	Baltazar Redona.	69	Juan Antonio Espinosa.
17	Tomas Antonio Yorba.	70	Nepomuceno Alvarado.
18	Lugo and Romero.	71	Juan Lopez.
19	Juan Ma. Osuno.	72	Santiago Rios.
20	Juan Ma. Marron.	73	Tomas Olivera.
21	Leandro Galindo.	74	José Antonio Romero.
22	Juan Lopez.	75	José de Jesus Vallejo.
23	Joaquin Castro.	76	Guillermo Castro.
24	José Antonio Carrillo and A. Stearns.	77	Henrique Sepulveda.
25	José Ma. Amador.	78	Lucas Olivera <i>et al.</i>
26	Norberto Cantara.	79	Juan Luis Vignes.
27	José Joaquin Estudillo.	80	Lorenzo Soto.
28	Maria Isabel Ortega.	81	Mariano Romero.
29	Ayuntamiento of Monterey.	82	J. B. Leandro, T. Colima, and Ontiveros.
30	Tomas Antonio Yorba.	83	J. B. Leandro, T. Colima, and Ontiveros, 6 docs.
31	José Sepulveda.	84	Manuel Antonio Perez.
32	Simeon Castro.	85	José Maria Higuera.
33	Guillermo Castro.	86	Joaquin Bowman.
34	Juan Pacifico.	87	José Maximo Alanis.
35	Antonio Ma. Osio.	88	José Arpa.
36	Antonio Dominguez.	89	José Victor Castro.
37	José and Manuel Antonio Perez.	90	Ramon Rodriguez.
38	Ignacio Pacheco.	91	Andres Ibarra.
39	N. M. Prior.	92	Isabel Yorba.
40	Vicente de la Osa.	93	Eugenio Arce.
41	Tomas Antonio Yorba.	94	Cleofas Nieto.
42	José Antonio Estudillo (see expediente 39).	95	José Sepulveda.
43	Norberto Alcantara.	96	José Peña.
44	Francisco Barnaldo.	97	Aniseto and Silvestre (Indians).
45	Filomeno Pico de Pomber.	98	Marcelino Escobar.
46	Lorenzo N. Hartnell.	99	Fulgencio Hignera.
47	José Maximo Martinez.	100	Antonio Reyes.
48	Antonio Ma. Lugo.	101	Faustino Cruz.
49	Henrique Sepulveda.	102	José Noriega and Tomas Bon.
50	José del Carmen Lugo.	103	José R. Estrada.
51	Ignacio Garcia.	104	Prudencio Espinosa.
52	Tiburcio Tapia.	105	Francisco Vadillo and José Ma. Rojo.
53	Nasario Dominguez.		



## CATALOGUE, &amp;c.—Continued.

*List of 315 incomplete expedientes in the archives, &c.—Continued.*

106	Dolores Pacheco and F. Palomares.	187	Daniel Sill.
107	Francisco Hernandez.	188	Fernando Tico.
108	Teodosio Yorba.	189	Tomas Anto Yorba.
109	Francisco Hernandez.	190	Timoteo Murphy.
110	Francisco de Haro.	191	Rev. Blas Ordas.
111	Anto. Pico and other citizens of San Diego.	192	Guillermo A. Richardson.
112	Francisco Ma. Alvarado.	193	Indians of Sta. Clara.
113	Bernardo Ruiz.	194	Vicente Gomez.
114	Isidro Villavicencio <i>et al.</i>	195	Francisco Soto.
115	J. S. O'Donoju.	196	Gumecindo Flores.
116	Johnson and Foster.	197	Antonio Señol.
117	Francisco Mesa.	198	Julio Verdugo.
118	Pedro Cordero.	199	Manuel Eduardo Makintosh.
119	Castro and Escumilla.	200	Felix Buelna.
120	José Serrano.	201	Manuel Garcia.
121	Lorenzana and Olivas.	202	Vicente de la Ossa.
122	Antonio Ma. Lugo.	203	José Miguel Triunfo.
123	Juan Ma. Osuna.	204	José Anto. Leiba.
124	Ignacio Palomanes.	205	José Antonio Rodriguez.
125	Julio Verdugo.	206	Fray José Ma. Zalvidea.
126	Marselo <i>et als.</i>	207	Tomas Falamantes.
127	Tomasa Hernandez.	208	Juan Ma. Sainz.
128	Juan Vioget.	209	Juan Cristonio Galindo.
129	Juan Ramirez.	210	Juan Smith and Miguel Nye.
130	Agustin Olvera.	211	Juan Luis Vignes.
131	A. Olvera, in petition of several residents of San Diego.	212	José Miguel Alvarado.
132	Inocente Garcia.	213	Juan Cordero.
133	Francisco Carrillo de Thomson.	214	José Anto. Serrano.
134	Anto. Ma. Lugo.	215	Maria Concepcion Boronda.
135	George Allen.	216	Hilario Varelas and Leonardo Cota.
136	Eduardo Watson.	217	José Sabas Valenzuela.
137	José Anto. Estudillo.	218	Luis Francisco (Indian).
138	José Peña.	219	Tomas B. Park.
139	José Joaquin Ortega.	220	José A. Lipas and José Cañedo.
140	José Antonio (Indian).	221	Leonardo Cota (record).
141	Daniel Hill.	222	José Soto.
142	José Ma. Higuera.	223	Francisco Ortega.
143	Guillermo Garner.	224	Bonifacio Lopez.
144	Teodoro Soto.	225	Gumecindo Flores.
145	Berdugo Felis.	226	Santiago Martinez.
146	Francisco Lugo.	227	Eugenio Montenegro.
147	Gallardo and Villa.	228	Nestor Serrano.
148	Manuel Dolibeira.	229	Secundino Robles.
149	Vicente de la Ossa.	230	Juan Abila and Emigdio Vejar.
150	Francisco E. Quintana.	231	Agustin Alviso.
151	S. Forster and J. Forster.	232	Henrique Dalton.
152	Francisco Arce.	233	José Igno. Sanchez and José Ma. Alvisu.
153	Petronilo Rios.	234	Juan Ranisford.
154	J. D. Sepulveda (record).	235	Narciso Burnett.
155	Agustin Olvera.	236	José Ma. Bermudes.
156	Juan Ramirez.	237	Lugardo Aguila.
157	Gregorio Briones.	238	Ramon Valdez.
158	Vicente de la Osa.	239	Andres Duarte and Felipe Valenzuela.
159	Marcelino and Pantaleon.	240	Joaquin Valenzuela.
160	Feliciano Soberanes.	241	José de la Guerra and Noriega.
161	Workman and Roland.	242	Tomas Naymas (Indian).
162	Miguel Navarez.	243	Andres (Indian).
163	Igno. José <i>et als.</i> , of Las Flores.	244	Inocente and José Ma. Valdez.
164	Cornelio Pascual <i>et als.</i> (Indians).	245	Juan Bandini.
165	Felo. Soberanes and Esteban de la Torre.	246	Luis Arenas.
166	Santiago Domingo Arce.	247	Carmen Dominguez.
167	Feliciano Soberanes.	248	Vicente de la Osa.
168	Tomas del Valle.	249	Julian, William, and Paulino Weaver.
169	Vicente de la Ossa.	250	José Dolores Charman.
170	Ollivier Deleissegues.	251	Vicente and Juan Sanchez.
171	Salvador Vallejo and J. P. Leese.	252	Franco. Ma. Alvarado and José R. Arguello.
172	José Mo. Bonilla.	253	Antonio Machado.
173	Eugenio Montenegro.	254	Andres Castellero.
174	Esequiel Soberanes.	255	Benito Diaz.
175	Luis Vignes.	256	Franco. R. Lopez.
176	Joaquin Tico and	257	Maria Josefa Soto.
177	Juan Moreno, Tomas Urquires.	258	Luis Arenas.
178	Joaquin (Indian, of San Fernando).	259	Estevan Munras.
179	Francisco Marquez and Isidro Reyes.	260	Juan Bohorquez.
180	José Anto. Dominguez and Octo. Gutierrez.	261	Tomas Herrera and residents of San Luis.
181	Osuna and Ibarra.	262	Juan B. Alvarado.
182	E. Vejar and José Abila.	263	José Anto. de la Guerra and Carrillo.
183	José Maria Ramirez.	264	Rita Valdez and Abel Stearns.
184	Manuel Diaz.	265	Damaso Lopez.
185	Juan Sinclair.	266	Vicente de la Osa.
186	Juan Vioget.	267	Christobel Aguilar.
		268	Miguel Abila.



## CATALOGUE, &amp;c.—Continued.

*List of 315 incomplete expedientes in the archives, &c.—Continued.*

269	Julio Cretain.	293	José Matias Moreno.
270	Guillermo Leidersdorff.	294	Guillermo Read.
271	Bernardo McKenzie.	295	Guadalupe Melendres.
272	Juan M. Alvarado and son.	296	Josefa Osio.
273	Augustin Manzilla.	297	Guadalupe Castro.
274	Gaspar O'Farrel.	298	Julian Guerrero.
275	Juan Osio and Norberto Andrade.	299	Maria Eulogia Martinez.
276	Anto. Franco. Coronel.	300	Pedro Duarte.
277	Antonio Rodriguez.	301	Esteban Smith.
278	José Miguel Gomez.	302	Manuel Sanchez.
279	Pedro Gastelum and José Sais.	303	José Sepulveda.
280	Mariano Alvarado.	304	José Anto. Dominguez.
281	José Igno. Arce.	305	Julian Manrique.
282	Manuel Jimeno.	306	Octaviano Gutierrez.
283	Manuel de D'Oliveira.	307	José de Jesus Vallejo.
284	Perfecto Hugo Reid.	308	José Ives Limantour.
285	Isaac J. Sparks.	309	José Limantour.
286	Enlogio de Celis <i>et al.</i>	310	Timoteo Murphy.
287	José Miguel Gomez.	311	Lopez Cota and Bermudes.
288	Juan de Dios (Indian).	312	Luis Arguello.
289	Francisco Vejar.	313	Guillermo Eduardo Hartnell.
290	Tomas Talamantes.	314	Church of San Luis Obispo.
291	Rafael Garcia.	315	Juan Ma. Marron.
292	Guillermo Anto. Richardson.		

*List of documents relative to land claims deposited in the Spanish archives since the annexation of California to the United States.*

No.	Claimants.	Locality.	Deposited.
1	José Castro.....	Rio de San Joaquin.....	June 8, 1849
2	Tomas M. Robbins.....	Isla Santa Catalina.....	Apr. 12, 1850
3	Alejandro Rodriguez.....	Encinalitos.....	Apr. 12, 1850
4	José Castro.....	San Justo.....	June 20, 1850
5	Enrique Cambuston.....	Valle del Sacramento.....	July 10, 1850
6	Pearson B. Redding.....	San Buenaventura.....	Feb. 6, 1852
7	Vic. Prudon and M. Vaca.....	Laguna de Santos Callé.....	Feb. 7, 1852
8	Juan Chamberlain.....	Sacayac.....	May 8, 1852
9	Sebastian Rodriguez.....	Bolsa del Pajaro.....	Nov. 11, 1852
10	Josefa de la Rosa.....	Rancho de Suisun.....	Oct. 25, 1853
11	Joaquin Piña.....	Punta de los Lobos.....	Jan. 16, 1860
12	do.....	do.....	Jan. 16, 1860
13	do.....	do.....	Jan. 16, 1860
14	Joaquin Moraga and Cano. Valencia....	Land near Arroyo San Pablo.....	May 1, 1855
15	Salvador Vallejo.....	Lupyomi.....	Nov. 13, 1855
16	Ignacio Martinez.....	El Pinole.....	Feb. 17, 1858
17	Friar N. Duran (seven doc.).....	Relative to sale of missions.....	Aug. 13, 1859
18	1 lot to Chaboya, 1 lot to Piña, and.....	About possession of Sausito to Richardson	May 2, 1868
19	Luis Mesa.....	Corral de Tierra.....	June 4, 1869
20	Relative to various claims.....	At the Pueblo of San Juan to Argüello..	Aug. 9, 1869
21	José Castro, continuation of No. 4.....	San Justo.....	June 29, 1856
22	José Agustin Narvaez.....	Diseño Rancho San Juan Bautista.....	Feb. 14, 1850
23	John C. Fremont.....	Diseño of Las Mariposas.....	Nov. 21, 1851
24	A. Ritchie.....	Diseño Suisun Valley.....	Aug. 14, 1853
25	J. Ma. Cosio and J. Cruz.....	Expediente Cañada de los Pilarsitos. Handed in by Major Drum.	
26	Copy. Deed J. A. Sutter <i>et als.</i> to F. Bates <i>et al.</i>	Sacramento and Feather River. No date.	
27	José Dolores Pico, Expediente La boca de Sn. Cayetano.	Not officially deposited.	

*Additional documents deposited in the Spanish archives not found indexed in the proper columns of this book.*

	Claimant.	Locality.	Deposited.
A	Gabriel Castro.....	Solar en la Yerba Buena.....	Nov. 29, 1875
B	Guillermo Anto. Richardson.....	Sausalito, by J. B. Howard, assistant district attorney.	Apr. 20, 1876
C	Feliciano and Mariano Soberanes. Also, papers by Guillo. Edo. Hartnell.	El Alisal.....	May 31, 1874
D	Miguel Cordero.....	Las Cruces.....	Aug. 13, 1860
E	Francisco de Haro.		
F	Secretary of State Halleck says that the possession given by P. C. Carrillo to R. Den, of the rancho of San Marcos is null and void.		Nov. 28, 1874
G	Espediente of Juan Read.....	San Marcos addition to Corte Madera...	Nov. 6, 1878
H	Map filed at request of Henry Haight.....		Nov. 30, 1860
J	M. G. Vallejo.....	1,500 vs., lot near Fort Point, San Francisco.	Nov. 30, 1876
K	Pablo and José Apis.....	La Jotta.....	Jan. 31, 1878
L	Miguel Cordero.....	Las Cruces, judicial possession.....	Jan. 22, 1872



## CATALOGUE, &amp;c.—Continued.

*Grants recorded in the Books of Titles Nos. 1 and 2 (for which there are no corresponding expedientes in the archives), the claims of which seem not to have been presented to the Board of United States Land Commissioners.*

Grant to Santiago Arguello for Tia Juan, 2½ leagues sq., Mar. 24, 1829, Book of Titles No. 1, page 67. ]  
 Grant to José Ma. Berdugo for Sn. Rafael, in 1798, Book of Titles No. 1, page 61.  
 Grant to Luis Arenas for Valle de San Felipe, Book of Titles No. 2, page 37.  
 Grant to Teodoro Arcyano for Rincon, one league, January 23, 1835, Book of Titles No. 2, page 70.  
 Grant to Teodoro Gonzales for Cañada de Laureles, 1 league, Sept. 21, 1835, Book of Titles No. 1, page 71.

*List of unclaimed grants.*

Expediente No. 1. José Ramon Estrada for San Luis Gonzaga, Aug. 6, 1834, six leagues. This was exchanged for the place Toro Sept. 5, 1835. See expte. No. 7.  
 Expediente No. 12. Unfinished expte. No. 56, grant to Juan Ma. Marron for Cueros del Benado, Aug. 29, 1835; recorded in Book of Titles No. 2, page 56.  
 Expediente Nos. 68 and 137. Grant to Miguel Cordero for Las Cruces, July 12, '36, and May 11, 1837.  
 Expediente No. 78. Grant to Angel Ramirez, for Cañada Honda; rec. in Book of Titles No. 2, page 81.  
 Expediente No. 93. Grant to José Ma. Andrade for Cañada de Sn. Miguel, Oct. 20, 1835.  
 Expediente No. 44. Grant to Juan Bandini for Tecate, July 12, 1834; rec. Book of Titles No. 2, page 22.  
 Expediente No. 52. Grant to José Igno. Lopez for Toljol, June 11, '40.  
 Expediente No. 122. Grant to Juan Lopez for Secuan, 1839.  
 Expediente No. 173. Grant to Rosario Aguilar, for Paguay, Sept. 7, 1839.  
 Expediente No. 242. Grant to Maria Ines (Indian), for Valle de Sn. Luis Gonzaga, Apr. 2, 1841.  
 Expediente No. 477. Grant to José and Pablo Apis, for La Jolla, Nov. 7, 1845; rec. Book of Titles No. 4, Toma de Razon, p. 17; also deposited exped'te Jan. 31, 1878.  
 Expediente No. 574. Grant to Agustin Juan Bautista, Martin and Juan Bta. Bouel, for Milcuatay, June 16, 1846.  
 Expediente No. 116. Grant to Maria Ibaria Buelna for Jarro, Oct. 12, '39. This grant denounced by Salvio Rodriguez. See case No. 209, United States Land Commission docket.  
 Expediente No. —. Grant to Carmen Rodriguez Casmari, Apr. 8, 1837.  
 Expediente No. 170. Grant to Diego Forbes, for San Pedro and San Pablo, Aug. 21, 1837.  
 Expediente No. 199. Grant to Rafael Villavisencio for Cañada del Portezado, Oct. 28, 1837.  
 Expediente No. 263. Grant to Mariano Bonilla for land near Sn. Luis Obispo, 1842.  
 Expediente No. 287. Grant to Faustino Cruz, Indian, for land at Sn. Antonio, July 1, 1842.  
 Expediente No. 323. Grant to Marcelino Escobar for Huerta del Rey, Sept. 23, 1843.  
 Expediente No. 336. Grant to José Anto. Romero for Plan del Fucho, 1833. This grant was exchanged by Romero for another. See case 573, U. S. L. C. docket.  
 Expediente No. 158. Grant to Ignacio del Valle, Sta. Rosa, Feb. 23, 1836; rec. in Book of Titles No. 2, page 95. The Departl. Assembly rejected it in session of July 1, 1836.  
 Expediente No. 338. Grant to José Sepulveda for La Cienega de las Ranas, 1839.  
 Expediente No. 338. Grant to Antonio Balenzuela and José Anto. Alvitre for land in San Gabriel, October 18, 1844.  
 Expediente No. 469. Grant to José Domingucz, Prietos and Najalayegua, Sept. 24, 1845; rec. in Book of Titles No. 4, Toma de Razon, p. 16.  
 Expediente No. 561. Grant to Guillermo Hinkley, Yerba Buena, May 29, 1846.  
 Expediente No. 42. Grant to José Maria Arceo, lot at Pilarcitos, Alta California.  
 Expediente No. 53. Grant to Luis Mesa, lot at Pilarcitos.  
 Expediente No. 65. Grant to Francisco Figueroa, San Vicente.

## LOWER CALIFORNIA.

Expediente No. 471. Grant to Dña. Maria Josefa Carrillo de Fitch and Dña. Maria Guadalupe Estudillo de Arguello for Valle de las Palmas and Cañada de Mesquitito, eleven leagues in Lower Califa., Sept. 26, 1845; rec. Book of Titles No. 4, Toma de Razon, page 17.  
 Expediente No. 482. Grant to Maximo Sais for Sta. Gertrudis, one league in Lower California, Nov. 22, 1845; Book of Titles No. 4, Toma de Razon, page 18.  
 Expediente No. 489. Grant to Juan Bandini, five leagues, Dec. 4, 1845; Book of Titles, Toma de Razon, page 19.  
 Expediente No. 492. Grant to Javier Gastelun, Valle de San Rafael, Dec. 9, 1845; Book of Titles No. 4, Toma de Razon, p. 18.  
 Expediente No. 497. Grant to Juan Machado, Descanto, six leagues, Jan. 27, 1846.  
 Expediente No. 498. Grant to Julian Manrique, Ramon Yorba, Carlos Dominguez, Juan Manrique, and José Dominguez for Mision Vieja de San Miguel, Jan. 29, 1846.  
 Expediente No. 502. Grant to Abel Stearns, Vallecitos, two leagues, March 17, 1846.  
 Expediente No. 555. Grant to Hilario Morillo, Durango, two leagues, May 22, 1846.  
 Expediente No. 556. Grant to Tomas Bona, Valle de la Trinidad, four leagues, May 2, 1846.  
 Expediente No. 557. Grant to Santiago Domingo Arce, for Dolores and Cañada de Berrenda, three leagues, May 2, 1846.  
 Expediente No. 564. Grant to Maria de Rosario, Ireño, Susana, Emilia, Lorela, Germana, and Ramon Casena for Grulla, one league, June 1, 1846.  
 Expediente No. 67. Grant to Roberto Pardo, La Laguna, April 6, 1837.  
 Expediente No. 466. Grant to Lino Maria (Indian), land at Sn. Buenaventura, Sept. 23, 1845.



California Spanish archives in surveyor-general's office, San Francisco.

Letters.	Volumes.	Description.
O	2	Provincial state papers, Presidios, 1780.
O	2	Departmental state papers, Presidios, 1821.
C	2	Do.
C	2	Departmental state papers, vols. 1-2.
C	1	State papers, Benicia, Miscellaneous, vol. 1, 1773-1829.
C	2	Provincial state papers, Benicia (no volume marked), Miscellaneous; one for years 1770-1821, the other date not given.
V	2	Departmental state papers, Benicia (no volume marked), Miscellaneous, years 1821-'46.
K	1	Departmental state papers, San José, vol. 3, 7th, Miscellaneous.
A	1	Departmental state papers, Benicia, vol. 2, Miscellaneous.
T	2	Mexican archives, Lower California, vols. 1, 2, years 1847-'48.
K	1	Departmental state papers, Commissary and treasury receipts.
K	2	Departmental state papers, Jurgados, vols. 1, 2.
S	2	State papers, Mission and colonization, vols. 1, 2.
E	2	Departmental state papers, Naturalization, vols. 1, 2; one for years 1819-'40, the other 1840-'46.
T	4	Legislative records, vols. 1-4, years 1822-'46.
M	1	Departmental state papers, Dispatches from other departments, vol. 21, 23 to 45.
A	6	Departmental state papers, San José, vols. 1-6. (No date marked.)
I	2	Departmental state papers, Angeles, Official correspondence. (One marked "12," the other no volume marked.)
K	1	Departmental state paper, Benicia, Official correspondence. (Marked "Vol. 3.")
E	1	Departmental state papers, Angeles, Proclamation M., vol. 10.
M, O	18	Superior government state papers, vols. 1-18, from 1821-'46.
O	3	Superior government state papers, vols. 1-3, from 1822-'41.
E, G	19	State papers, Sacramento series, vols. 1-19 (13 marked "Military and political," 2 "Superior decrees and dispatches," 1 no mark, 1 "Provincial records," 1 "Presidios and missions, miscellaneous," and 1 "Miscellaneous," from 1780-1845).
	77	
A	8	Departmental state papers, Benicia, Custom-houses, vols. 1-8. (Running from 1816 to 1846, two of them without date.)
K	5	Departmental state papers, Benicia, Commissary and treasury, vols. 1-5. (Running from 1825-'42, one of them without date.)
B, D, F, H, } L, N, R, } R, T	88 { 52 36 22	Provincial state papers, Benicia, Military. Departmental state papers, Benicia, Military. Provincial state papers, vols. 1-20. (Two of the volumes marked "1," one marked "Indies, vol. 20, 1773-1819.")
O	9	Departmental state papers, vols. 1-9. (The last 2 marked "Miscellaneous.")
Q	11	Provincial records. (Marked "1-12," no vol. 12 existing; vol. 4 marked "6th and 5th" on top with ink. Running from 1775-1822.)
V	14	Departmental records, vols. 1-14, from 1822-'45.
S	11	State papers, Missions, vols. 1-11, running from 1785-1846.
K 4, C 2	6	Departmental state papers, Benicia, Prefectura y Jurgados. (Vol. 1 no date marked.)
I	8	Departmental state papers, Angeles, Prefecturas of Jurgados.
C	5	Departmental state papers, Monterey. (Marked "1-6," No. 5 missing.)
C	2	Departmental state papers, Monterey, Custom-house, vols. 1, 2, running from 1832-'45.
Q	1	Departmental state papers, Memorials, reports, 1826-'44.
—	1	Registers of brands and marks.
M	1	Departmental state papers, Benicia, Supreme government decrees and dispatches, vol. 1.
I	1	Departmental state papers, Angeles, Decrees and dispatches, vol. 9.
.....	.....	Custom-house books and correspondence.
.....	.....	Documents filed under the military government of the United States.



C.—*Report of the surveyor general of Colorado.*

SURVEYOR GENERAL'S OFFICE,  
Denver, August 25, 1880.

SIR: I have the honor to submit herewith the annual report of this office, in duplicate, for the fiscal year ending June 30, 1880, with tabular statements as follows:

A.—Statement of surveys made under the regular appropriation and amount of accounts of the several deputies.

B.—Statement of surveys made under the acts of Congress of May 30, 1862, March 3, 1872, and March 3, 1879, and accounts of the several deputies, &c.

C.—Statement showing number of townships surveyed and area of public land contained in same.

D.—Statement showing the number, date of approval, and location of mining claims surveyed during the year, together with amount deposited for office expenses for the same.

E.—Statement showing amount of salaries paid surveyor general and clerks in his office.

F.—Statement showing amount expended for rent of office, books, stationery, fuel, and other incidental expenses.

G.—Statement giving the names and post-office address of deputy surveyors in the employ of this office during the fiscal year ending June 30, 1880.

H.—Estimates of the appropriations required for the fiscal year ending June 30, 1882.

Under the regular apportionment of \$35,000 and the additional apportionment of \$7,000 assigned to this surveying district, for the fiscal year, ten contracts were let by my predecessor in office for the survey of standard, exterior township, and subdivisional lines in different parts of the State, which amounted to \$48,378.99, exceeding the apportionment by \$6,378.99, as will more fully appear in statement marked A. This excess was evidently paid from the reserve fund, but no notice of the fact was received at this office.

Statement B shows the surveys made under section 2401 of the Revised Statutes, providing for special deposits. During the year there was deposited the sum of \$86,073.79 for field work, and \$4,345 for office work, showing a large increase of deposits over any preceding year.

The mining department of the office has been unusually active during the year. For the fiscal year ending June 30, 1879, 255 mineral surveys were made under the direction of this office; this year 863 have been made, being an increase of over 338 per cent. over last year; while the expenses of the office have increased only about 100 per cent.

The estimate for expenses of office work, being \$25 in each case, has proved sufficient to cover all expenses and leave a balance of \$15,964.53 to cover expenses of office work on claims ordered surveyed, but which have not yet been returned to the office by the deputy surveyors.

Statements E and F show the amount paid surveyor general and clerks and incidental expenses, and fully explain themselves. You will notice the incidental expenses were \$3,825.76, the regular appropriation being but \$1,500. If it were not for the special deposit fund being used partly to pay incidental expenses, much embarrassment would be the result, and a deficiency each year would be the only remedy. For several years past appropriations for incidental expenses have been \$1,500, without regard to the amount of work performed and consequent necessity for expense.

Statement G, giving the names, &c., of deputy surveyors, is chiefly interesting from the fact that there are so many of them. Mining claimants can make no just complaint of the scarcity of surveyors, as there are large numbers in every mining camp in the State. It seems as if *surveyors especially* had heeded the admonition of the venerable and respected sage, whose advice was, "Go West, young man."

I desire especially to call your attention to statement H, estimates of the appropriations required for the fiscal year ending June 30, 1882. The estimates for surveys will be required, particularly as the Ute Indian Reservation will without doubt have been abandoned under the late treaty, and thousands of miners and farmers will flock to these lands, and they should, at least, have the standard and exterior township lines run, so they may have their lands surveyed by special deposit, under section 2401, if not from the regular appropriation.

The State during the year has been unusually prosperous in all branches of its business; a large number of rich paying mines have been discovered, and have produced largely of the precious metals. While the greatest excitement has been at Leadville, Ten Mile, Gunnison, Silver Cliff, and Rico, many of the old mines of Gilpin, Clear Creek, and Boulder Counties have been worked with satisfactory profit to the owners. The opening of new mining camps has induced railroads to extend their lines thither, and great activity in railroad building has been the result. The South Park Railroad, running via Platte Cañon to the Arkansas River, is now tunneling the Conti-



mental Divide at the head of Chalk Creek, and expect to have their trains running to Gunnison City early next year. They are also extending their lines to Breekinridge, where new and rich mineral discoveries are being made, and which promises to be a rich mining camp.

The Denver and Rio Grande Railroad laid 214 miles of track on its different extensions during the year, and has graded 120 miles additional on their San Juan extension, upon which the iron will be laid this fall, and they expect to have their ears running into Animas City next spring, and to Silverton, in the midst of the San Juan mines, early next summer. They are also extending their lines from Leadville over Ten Mile to Kokomo, and over Tennessee Pass to Eagle River, both of which will be completed this fall. They are extending their lines through almost impassible cañons, and over mountains nearly 10,000 feet above the level of the sea, to the different mining camps of the State, furnishing cheap and easy transportation for passengers and freight and lessening to a great extent the expense of mining and the hardships of frontier life. This road is now operating over 500 miles of road in the State, all of which has been built without aid of either money or lands from the government. The agricultural and stock interests of the State are keeping pace with the mining interests, and those engaged in such pursuits find ready markets for their products in the prosperous mining camps.

The late census demonstrated the prosperity of the State as compared with 1870 and the present year. In 1870, the population was but 3,500; the census for this year gives us 195,261, showing an increase of over 500 per cent. The population of Denver in 1870 was but 4,700, this year 35,618, showing the wonderful increase of over 700 per cent. in ten years. Every county in this State has increased in population, and in several of them the increase amounts to 500 per cent.

I repeatedly call your attention to the extra amount of work and responsibility devolving upon surveyors general of mining States and Territories over those of agricultural States and Territories. While the salaries are the same, with but a single exception, the work is in some cases ten times greater. In the case of this State, the examination of over 800 mineral surveys, preparing the necessary plats and transcripts for local land offices and for claimants, preparing and keeping up connected maps of the different mining districts, requires much labor and responsibility not assumed by officers of States containing agricultural lands alone. In a letter from your office dated April 18, 1868, was inclosed, among other papers, a form for making estimates of cost of surveying a mining claim; the following was among the items of expense: "Certificate of surveyor-general as to improvements, &c., \$——." This blank was filled up with the amounts of from \$5 to \$15, according to the ideas of the surveyor general. It would seem as if it was the original idea that the surveyor general should have a fee for the extra work and responsibility connected with these surveys, and I would respectfully request that you authorize a fee of \$5 for the "certificate of surveyor general as to improvements," &c., in each mining case.

Very respectfully, your obedient servant,

ALBERT JOHNSON,  
Surveyor General of Colorado.

Hon. J. A. WILLIAMSON,  
Commissioner of the General Land Office.

A.—Statement of surveys made under the regular appropriations, and accounts of the several deputies, for the year ending June 30, 1880.

1879.			1879.		
June 20	John K. Ashley.....	\$1,199 43	July 1	By regular appropriation ....	\$35,000 00
July 24	Daniel C. Oaks .....	4,895 24	Apr. 18	By additional appropriation..	7,000 00
Aug. 9	W. R. McMurray .....	1,203 50	1880.		
15	Thomas B. Meday .....	7,873 19	June 30	By excess.....	6,378 99
16	Albert Farmer.....	2,018 84			
Sept. 1	Edwin H. Kellogg .....	2,369 94			
9	A. W. Archibald .....	1,566 62			
26	Thomas B. Meday .....	2,390 60			
29	John K. Ashley.....	2,492 52			
Oct. 6	Beebe and Faringer.....	1,851 88			
18	Daniel C. Oaks.....	3,828 02			
28	John K. Ashley.....	2,826 28			
24	A. W. Brewster.....	693 65			
Nov. 14	John K. Ashley.....	2,247 71			
Dec. 11	.....do .....	2,248 12			
26	Edwin H. Kellogg.....	5,259 38			
1880.					
Jan. 25	James B. Maxwell .....	8,414 07			
		48,378 99			48,378 99



B.—Statement of surveys made under acts of Congress of May 30, 1862, March 3, 1872, and March 3, 1879, and the accounts of the several deputies and depositors for excess, for the year ending June 30, 1880.

1879.			1880.		
Oct.	16	To Otto Winkleman (deposit returned) .....	\$200 00	June 30	By individual deposits..... \$86,073 79
	16	To Peter Ballard (deposit returned) .....	160 00		
	16	To Herman Waeschle (deposit returned) .....	200 00		
	16	To August Rau (deposit returned) .....	185 00		
	16	To Harvey P. Fry (surveys) ..	200 00		
Nov.	14	To Albert Farmer (surveys) ..	1,080 67		
Dec.	9	To Frank P. Swindler (surveys) .....	600 00		
1880.					
Jan.	2	To Roswell C. Canfield (surveys) .....	50 00		
	6	To W. R. McMurray (surveys) .....	1,206 20		
	8	To A. J. Sparks (surveys) .....	25 00		
	14	To D. C. Oaks (surveys) .....	2,402 88		
	19	To Lefevre and Dunbaugh (surveys) .....	741 25		
	31	To E. H. Kellogg (surveys) ..	1,200 23		
	31	To Clifton Tipple (deposit returned) .....	486 00		
Feb.	6	To John K. Ashley (surveys) ..	1,448 98		
	24	To W. R. McMurray (surveys) .....	763 10		
	25	To W. S. Pratt (surveys) .....	853 65		
Mar.	5	To Bright and Sopris (surveys) .....	360 00		
	12	To N. B. Noland (surveys) ..	50 00		
	16	To Frank P. Swindler (surveys) .....	1,826 87		
Apr.	5	To W. R. McMurray (surveys) .....	1,569 87		
	10	To Dunbaugh and Hobson (surveys) .....	879 05		
	20	To George D. Nickel (surveys) .....	936 15		
	25	To B. Clark Wheeler (surveys) .....	50 00		
	30	To Ashley and Trease (surveys) .....	3,305 52		
May	5	To George H. Hill (surveys) ..	360 00		
	10	To Frank P. Swindler (surveys) .....	50 00		
	13	To J. S. Fahringer (surveys) ..	1,124 60		
	15	To George H. Hill (surveys) ..	1,800 00		
	18	To Thomas J. Milner (surveys) .....	50 00		
	26	To F. P. Swindler (surveys) ..	50 00		
	29	To Bright and Sopris (surveys) .....	360 00		
June	8	To Frank W. Gove (surveys) ..	1,201 36		
	14	To George Scheetz (surveys) ..	3,066 48		
	15	To James Lutterell (surveys) ..	307 60		
	21	To John K. Ashley (surveys) ..	1,555 76		
			30,706 22		
		Surveys not completed by deputies:			
		Joseph Davis .....	\$750 00		
		Chas. R. Lambert ..	850 00		
		E. T. Walker .....	850 00		
		J. H. Martz .....	1,802 57		
		George H. Hill .....	2,549 55		
		George W. Nyce .....	50 00		
		A. W. Archibald .....	3,360 00		
		Frank P. Swindler ..	2,452 00		
		W. L. Peacocke .....	25 00		
		Albert Farmer .....	3,337 00		
		Robison and Sizer ..	50 00		
		George D. Nickel ..	13,565 00		
		C. A. Trease .....	2,503 45		
		Dunbaugh & Pratt ..	720 00		
		E. H. Kellogg .....	4,100 00		
		J. Evans .....	50 00		
		Harvey P. Fry .....	4,300 00		
		Loring Olmsted .....	4,300 00		
		H. D. Rhoads .....	50 00		
		Samuel J. Spray .....	100 00		
		J. C. Eberhardt .....	24 00		



B.—Statement of surveys made under acts of Congress of May 30, 1862, &c.—Continued.

H. P. Handy .....	\$150 00			
F. L. Biddlecome...	1, 800 00			
John K. Ashley....	4, 104 00			
John P. Kelly.....	50 00			
John B. Moore.....	3, 475 00			
		\$55, 367 57		
Total.....		86, 073 79		\$86, 073 79

C.—Surveys from New Mexico meridian.

Township.	Range.	Area.	Township.	Range.	Area.
47 north .....	1 east .....	22, 936. 20	41 north .....	4 east .....	23, 058. 38
48 north .....	1 east .....	23, 011. 11	51 north .....	1 west .....	17, 085. 47
50 north .....	1 east .....	22, 947. 99	41 north .....	3 west .....	23, 030. 05
51 north .....	1 east .....	17, 172. 13	34 north .....	9 west .....	7, 648. 65
45 north .....	2 east .....	23, 063. 34	35 north .....	11 west .....	23, 043. 25
47 north .....	2 east .....	23, 049. 52	35 north .....	12 west .....	23, 063. 92
46 north .....	3 east .....	22, 954. 28			

Statement showing the number of townships surveyed, and the area of public lands contained in the same, during the year ending June 30, 1880.

Township.	Range.	Area.	Township.	Range.	Area.
2 north.....	42 west .....	13, 401. 84	26 south.....	50 west .....	24, 254. 83
5 south.....	42 west .....	14, 165. 59	28 south.....	50 west .....	22, 983. 34
5 north.....	44 west .....	23, 044. 90	29 south.....	50 west .....	23, 004. 79
7 north.....	44 west .....	23, 069. 57	30 south.....	50 west .....	23, 031. 59
2 north.....	45 west .....	22, 902. 95	34 south.....	50 west .....	23, 032. 64
5 north.....	45 west .....	23, 086. 84	16 south.....	51 west .....	20, 680. 11
7 north.....	45 west .....	23, 062. 75	24 south.....	51 west .....	23, 043. 84
5 north.....	46 west .....	23, 064. 55	25 south.....	51 west .....	23, 111. 33
6 north.....	46 west .....	23, 056. 17	26 south.....	51 west .....	23, 251. 16
7 north.....	46 west .....	23, 010. 13	28 south.....	51 west .....	22, 981. 27
8 north.....	46 west .....	23, 846. 75	29 south.....	51 west .....	23, 005. 08
16 south.....	46 west .....	20, 721. 96	30 south.....	51 west .....	23, 034. 28
17 south.....	46 west .....	22, 966. 66	33 south.....	51 west .....	23, 043. 74
7 north.....	47 west .....	23, 087. 61	34 south.....	51 west .....	23, 061. 78
8 north.....	47 west .....	23, 818. 36	16 south.....	52 west .....	20, 910. 74
16 south.....	47 west .....	20, 269. 33	34 south.....	52 west .....	23, 057. 94
5 north.....	48 west .....	23, 110. 36	18 south.....	53 west .....	23, 060. 18
6 north.....	48 west .....	23, 138. 73	19 south.....	53 west .....	22, 978. 29
7 north.....	48 west .....	23, 033. 68	20 south.....	53 west .....	22, 996. 26
8 north.....	48 west .....	23, 757. 23	16 south.....	54 west .....	21, 793. 28
16 south.....	48 west .....	20, 188. 21	17 south.....	54 west .....	23, 110. 99
17 south.....	48 west .....	23, 013. 93	28 south.....	56 west .....	22, 935. 22
18 south.....	48 west .....	23, 000. 85	27 south.....	57 west .....	22, 833. 03
16 south.....	49 west .....	50, 207. 04	33 south.....	57 west .....	23, 071. 65
16 south.....	50 west .....	20, 260. 59	34 south.....	57 west .....	23, 139. 00
33 south.....	58 west .....	22, 946. 31	14 south.....	73 west .....	23, 165. 51
34 south.....	58 west .....	23, 102. 13	15 south.....	73 west .....	23, 083. 56
26 south.....	62 west .....	23, 424. 47	10 north.....	76 west .....	23, 044. 24
27 south.....	62 west .....	23, 074. 51	12 north.....	76 west .....	9, 920. 90
26 south.....	63 west .....	23, 425. 91	11 north.....	77 west .....	23, 061. 54
27 south.....	63 west .....	23, 108. 80	12 north.....	77 west .....	9, 923. 41
11 south.....	68 west .....	23, 222. 04	9 north.....	78 west .....	23, 006. 42
9 south.....	69 west .....	23, 237. 66	9 north.....	79 west .....	23, 063. 77
13 south.....	69 west .....	23, 193. 46	9 north.....	80 west .....	22, 964. 29
14 south.....	69 west .....	19, 970. 64	10 north.....	80 west .....	22, 992. 77
10 south.....	70 west .....	23, 012. 52	9 north.....	81 west .....	21, 786. 66
11 south.....	70 west .....	23, 169. 02	10 north.....	81 west .....	23, 155. 71
13 south.....	70 west .....	23, 204. 61	13 south.....	85 west .....	22, 949. 86
15 south.....	70 west .....	23, 039. 47	14 south.....	85 west .....	23, 073. 91
21 south.....	70 west .....	23, 065. 73	15 south.....	85 west .....	23, 068. 44
5 north.....	70 west .....	23, 245. 36	13 south.....	86 west .....	23, 258. 18
11 south.....	71 west .....	23, 194. 21	15 south.....	86 west .....	23, 029. 68
12 south.....	71 west .....	22, 355. 93	9 north.....	89 west .....	23, 023. 98
14 south.....	71 west .....	23, 080. 40	12 north.....	89 west .....	15, 467. 49
20 south.....	71 west .....	23, 058. 06	9 north.....	90 west .....	22, 988. 09
5 north.....	71 west .....	23, 085. 38	12 north.....	90 west .....	15, 531. 09
10 south.....	72 west .....	23, 902. 94	5 north.....	91 west .....	23, 069. 00
11 south.....	72 west .....	23, 185. 98	9 north.....	91 west .....	23, 086. 86
14 south.....	72 west .....	23, 064. 71	5 north.....	92 west .....	23, 075. 26
15 south.....	72 west .....	22, 983. 36	5 north.....	92 west .....	23, 080. 21
24 south.....	50 west .....	23, 111. 04	6 north.....	93 west .....	23, 101. 25
25 south.....	50 west .....	23, 118. 00			



D.—Statement showing the number, date of approval, and location of mining claims surveyed during the fiscal year ending June 30, 1880, under the acts of Congress of July 26, 1866, and May 10, 1872, together with the amount deposited for office expenses for the same.

Number of survey.		Name of lode.	District.	Date of approval.	Location.	Amount.
241	A .....	Extension of Bates .....	1	Feb. 16, 1880	Gilpin County .....	\$25. 00
241	B .....	Mill site .....	1	Feb. 16, 1880	do .....	25 00
272	A and B ..	Maryland lode and mill site .....	1	Feb. 16, 1880	do .....	25 00
296		Road or Elephant .....	1	Feb. 20, 1880	do .....	25 00
384	A and B ..	Second discovery Maryland lode and mill site.	1	Feb. 16, 1880	do .....	25 00
385	A and B ..	Somes' lode and mill site .....	1	Feb. 16, 1880	do .....	25 00
386		Hunter's Extension Gold .....	1	Aug. 6, 1879	do .....	25 00
416	Resurvey	Placer and Paul .....	1	July 24, 1879	do .....	25 00
425		Queen of the West .....	1	Mar. 20, 1880	do .....	25 00
506		Ontanagon .....	1	June 26, 1880	do .....	25 00
532		Ohio .....	1	Sept. 2, 1879	do .....	25 00
539		East Leavenworth .....	1	Oct. 23, 1879	do .....	25 00
540		Gold Ring .....	1	Dec. 19, 1879	do .....	25 00
541		West Wyandotte .....	1	Oct. 28, 1879	do .....	25 00
542		Mollie Newcomb .....	1	Dec. 18, 1879	do .....	25 00
545		Wyandotte .....	1	Dec. 18, 1879	do .....	25 00
548		Ashtabula .....	1	Aug. 11, 1879	do .....	25 00
550		Powers .....	1	Aug. 16, 1879	do .....	25 00
551		Jennie Blanche .....	1	Sept. 23, 1879	do .....	25 00
552		Empress .....	1	Sept. 23, 1879	do .....	25 00
553		Boss No. 2 .....	1	July 25, 1879	do .....	25 00
554		Empire .....	1	Sept. 2, 1879	do .....	25 00
555		Empress .....	1	June 14, 1880	do .....	25 00
556		Bates .....	1	Feb. 13, 1880	do .....	25 00
557		Harkaway .....	1	Sept. 4, 1879	do .....	25 00
558		Mann .....	1	Jan. 31, 1880	do .....	25 00
559		Mammoth West .....	1	Jan. 19, 1880	do .....	25 00
561		Gregory Extension .....	1	Oct. 1, 1879	do .....	25 00
562		Gibson .....	1	Oct. 3, 1879	do .....	25 00
563		East Harsh Extension .....	1	Oct. 17, 1879	do .....	25 00
565		Columbia .....	1	June 26, 1880	do .....	25 00
566		New York .....	1	May 7, 1880	do .....	25 00
567		Argo .....	1	Dec. 6, 1879	do .....	25 00
568		Gauntlet .....	1	June 26, 1880	do .....	25 00
569		Eagle .....	1	May 18, 1880	do .....	25 00
570		Duchess .....	1	June 12, 1880	do .....	25 00
571		Bangor .....	1	Jan. 24, 1880	do .....	25 00
573		Bobtail .....	1	Feb. 6, 1880	do .....	25 00
574		Wood .....	1	Feb. 19, 1880	do .....	25 00
576		Thomas Freeman .....	1	June 23, 1880	do .....	25 00
577		California .....	1	May 21, 1880	do .....	25 00
580		Maine .....	1	Feb. 13, 1880	do .....	25 00
581		Hampton .....	1	Mar. 1, 1880	do .....	25 00
582		Decatur .....	1	Mar. 9, 1880	do .....	25 00
583		Herschel .....	1	Mar. 6, 1880	do .....	25 00
584		New Brunswick .....	1	Apr. 28, 1880	do .....	25 00
385		War Dance .....	1	Apr. 14, 1880	do .....	25 00
586		Bozen Plume .....	1	May 24, 1880	do .....	25 00
587		Russel Gulch placer .....	1	June 2, 1880	do .....	25 00
588		East Williams .....	1	Apr. 2, 1880	do .....	25 00
589		Springdale .....	1	June 14, 1880	do .....	35 00
591		Silver Dollar .....	1	Apr. 29, 1880	do .....	25 00
592		Running .....	1	Apr. 5, 1880	do .....	25 00
593		Joker .....	1	June 8, 1880	do .....	25 00
594		J. L. .....	1	Apr. 13, 1880	do .....	25 00
595		Silver Bell .....	1	May 19, 1880	do .....	25 00
596		Emerald .....	1	Apr. 30, 1880	do .....	25 00
597		Griffin .....	1	Apr. 30, 1880	do .....	25 00
598		Mountain Rose .....	1	Apr. 30, 1880	do .....	25 00
601		Sunset No. 3 .....	1	June 7, 1880	do .....	25 00
603		Double Eagle .....	1	June 12, 1880	do .....	25 00
605		Return .....	1	June 8, 1880	do .....	25 00
606		Golden Eagle .....	1	June 28, 1880	do .....	25 00
608		Atlantic .....	1	June 22, 1880	do .....	25 00
609		Brighton .....	1	June 22, 1880	do .....	25 00
797		No. 2 lode in Metropolitan Tunnel.	2	July 15, 1879	Clear Creek County.	25 00
831		Phoenix .....	2	Dec. 26, 1879	do .....	25 00
853		Great Western .....	2	July 19, 1879	do .....	25 00
865		Georgetown .....	2	July 18, 1879	do .....	25 00
871		Dumont placer .....	2	July 22, 1879	do .....	25 00
872		Jones placer .....	2	Oct. 17, 1879	do .....	25 00
877		Treasury Vault .....	2	Jan. 5, 1880	do .....	25 00
878		Isinglass .....	2	Oct. 20, 1879	do .....	25 00
882	A and B ..	Rising Sun lode and mill site .....	2	July 7, 1879	do .....	25 00
883	A and B ..	Full Moon lode and mill site .....	2	July 7, 1879	do .....	25 00
884		Silver Eagle .....	2	Sept. 6, 1879	do .....	25 00



D.—Statement showing the number, date of approval, and location, &amp;c.—Continued.

Number of survey.		Name of lode.	District.	Date of ap- proval.	Location.	Amount.
885		Mary	2	Aug. 21, 1879	Clear Creek County.	\$25 00
886		Platts	2	Aug. 21, 1879	do	25 00
887		Centennial Star	2	July 30, 1879	do	25 00
888	A and B	Anita lode and mill site	2	Dec. 1, 1879	do	25 00
889		Iowa	2	July 15, 1879	do	25 00
890		Evening Star	2	July 15, 1879	do	25 00
891		Republican Valley	2	July 30, 1879	do	25 00
892		Illinois	2	Aug. 7, 1879	do	25 00
893		Alps	2	Aug. 7, 1879	do	25 00
894		Ellen Harvey	2	Aug. 1, 1879	do	25 00
895	A and B	Goshen lode and mill site	2	July 25, 1879	do	25 00
896	A and B	Dominion lode and mill site	2	July 25, 1879	do	25 00
897		Martha	2	Aug. 28, 1879	do	25 00
898		Metallic	2	Aug. 30, 1879	do	25 00
899		Ætna	2	Sept. 17, 1879	do	25 00
900	A and B	Silver Star lode and mill site	2	Aug. 22, 1879	do	25 00
901	A and B	Pittsburg lode and mill site	2	Sept. 30, 1879	do	25 00
902	A and B	Caledonia lode and mill site	2	Dec. 1, 1879	do	25 00
903		Alpine	2	July 24, 1879	do	25 00
904		Placer	2	Aug. 22, 1879	do	25 00
905		Bernice	2	Oct. 24, 1879	do	25 00
906		Fairfax	2	Sept. 10, 1879	do	25 00
907		Big Chief	2	Aug. 20, 1879	do	25 00
908		Hamilton	2	Sept. 23, 1879	do	25 00
909		Ballard	2	Sept. 23, 1879	do	25 00
910		J. H. Beadle	2	Sept. 21, 1879	do	25 00
911		Swamp Angel	2	Sept. 23, 1879	do	25 00
912		Chance	2	Sept. 16, 1879	do	25 00
913		Effie	2	Dec. 10, 1879	do	25 00
914	A and B	Samuel J. Randall lode and mill site	2	May 12, 1880	do	25 00
915		Marshalltown	2	Nov. 1, 1879	do	25 00
916		Montezuma	2	Apr. 17, 1880	do	25 00
917		Silent Friend	2	Sept. 30, 1879	Grand County	25 00
918		Wolverine	2	Oct. 24, 1879	do	25 00
919		Wisconsin	2	Dec. 1, 1879	Clear Creek County.	25 00
921	A and B	Louis Franke lode and mill site	2	Oct. 27, 1879	do	25 00
922		Blue	2	Sept. 15, 1879	do	25 00
923		Best	2	Sept. 15, 1879	do	25 00
924		Humboldt	2	Sept. 17, 1879	do	25 00
925		Paymaster	2	Dec. 4, 1879	do	25 00
926		First National	2	Oct. 16, 1879	do	25 00
929		Belle Abbie	2	Mar. 25, 1880	do	25 00
930	A and B	Iris lode and mill site	2	Dec. 1, 1879	do	25 00
931	A and B	Isothermal lode and mill site	2	Mar. 6, 1880	do	25 00
932		Centennial	2	Sept. 13, 1879	do	25 00
933		Nat Wyckliffe	2	Oct. 25, 1879	do	25 00
935		Hardin	2	Sept. 22, 1879	do	25 00
936		State of Maine	2	Dec. 26, 1879	do	25 00
937		Killin	2	Sept. 24, 1879	do	25 00
938		Porter	2	Oct. 16, 1879	do	25 00
939		Rattler	2	Dec. 16, 1879	do	25 00
940		Pennsylvania	2	Oct. 2, 1879	Summit County	25 00
941		Freeman	2	Jan. 9, 1880	Clear Creek County.	25 00
942		McKinney	2	Feb. 10, 1880	do	25 00
943		Little Annie	2	Jan. 12, 1880	do	25 00
944		Leadville	2	Oct. 29, 1879	Summit County	25 00
945		Mammoth	2	Oct. 27, 1879	do	25 00
946		Burr	2	June 2, 1880	Clear Creek County.	25 00
947		Washington	2	Oct. 30, 1879	do	25 00
948		Little Clara	2	Oct. 16, 1879	do	25 00
950		Thompkins mill site	2	Jan. 13, 1880	do	25 00
951		Aldrich	2	Jan. 13, 1880	Summit County	25 00
952		Chihuahua placer	2	Feb. 9, 1880	do	25 00
953		Little Florence	2	Apr. 17, 1880	Clear Creek County.	25 00
954		Foster mill site	2	Jan. 13, 1880	Summit County	25 00
956	A and B	Charlotte lode and mill site	2	Jan. 20, 1880	Clear Creek County.	25 00
957		Union	2	Jan. 12, 1880	do	25 00
958	A and B	Little Bessie lode and mill site	2	Feb. 9, 1880	do	25 00
959		Louisa	2	Dec. 1, 1879	do	25 00
960	A and B	Ruby lode and mill site	2	Dec. 17, 1879	Summit County.	25 00
961	A and B	Freiberg lode and mill site	2	Jan. 7, 1880	Clear Creek County.	25 00
962		Kingston	2	Feb. 25, 1880	do	25 00
963		Exchange	2	Jan. 14, 1880	do	25 00
964		Evergreen	2	Dec. 26, 1879	do	25 00
965	A and B	Whip-poor-will lode and mill site	2	Feb. 24, 1880	do	25 00
966	A and B	Victory lode and mill site	2	Jan. 7, 1880	do	25 00
967		Wheatland	2	Feb. 3, 1880	do	25 00
970	A and B	Pioneer lode and mill site	2	June 26, 1880	do	25 00
971	A and B	J. H. Harney lode and mill site	2	May 11, 1880	do	25 00



D.—Statement showing the number, date of approval, and location, &amp;c.—Continued.

Number of survey.		Name of lode.	District.	Date of ap- proval.	Location.	Amount.
972	A and B ..	Eyrie lode and mill site .....	2	Feb. 18, 1880	Clear Creek County.	\$25 00
973	.....	Hoosac .....	2	Mar. 9, 1880	do .....	25 00
974	.....	Ella .....	2	Apr. 17, 1880	do .....	25 00
975	.....	Government .....	2	Feb. 11, 1880	do .....	25 00
976	.....	Kirklington .....	2	Jan. 21, 1880	do .....	25 00
977	.....	Algonquin .....	2	Jan. 20, 1880	do .....	25 00
978	.....	Danube .....	2	Feb. 3, 1880	do .....	25 00
979	.....	Oro .....	2	Feb. 9, 1880	do .....	25 00
980	.....	Silver Cloud .....	2	Feb. 19, 1880	do .....	25 00
982	.....	Diamond Tunnel No. 9 .....	2	Mar. 19, 1880	do .....	25 00
983	.....	Edgar No. 1 .....	2	Mar. 6, 1880	do .....	25 00
984	.....	Bellevue .....	2	Mar. 5, 1880	do .....	25 00
985	.....	Lost .....	2	Mar. 9, 1880	do .....	25 00
986	.....	Henry Ward Beecher .....	2	Mar. 3, 1880	do .....	25 00
987	.....	Glendower .....	2	May 7, 1880	do .....	25 00
988	.....	Fairmount .....	2	Mar. 30, 1880	do .....	25 00
989	.....	Oro Placer .....	2	Apr. 2, 1880	do .....	25 00
990	.....	Republican .....	2	Mar. 2, 1880	do .....	25 00
991	.....	Lead Belt .....	2	Mar. 2, 1880	do .....	25 00
991	Resurvey ..	do .....	2	May 18, 1880	do .....	25 00
992	A and B ..	Pluto lode and mill site .....	2	Mar. 19, 1880	do .....	25 00
995	.....	Edison .....	2	Mar. 1, 1880	do .....	25 00
996	.....	Sequel .....	2	Mar. 4, 1880	do .....	25 00
997	.....	La Crosse .....	2	Feb. 19, 1880	do .....	25 00
999	A and B ..	Juno lode and mill site .....	2	Apr. 2, 1880	do .....	25 00
1000	.....	Native American .....	2	Apr. 3, 1880	do .....	25 00
1001	.....	Rocky Mountain Mammoth .....	2	Feb. 28, 1880	do .....	25 00
1002	.....	May Flower .....	2	Mar. 4, 1880	do .....	25 00
1003	.....	Josie Meeker .....	2	Mar. 12, 1880	do .....	25 00
1004	.....	Dominion .....	2	Apr. 2, 1880	do .....	25 00
1005	.....	Neath .....	2	May 19, 1880	do .....	25 00
1006	.....	Caledonia .....	2	May 15, 1880	do .....	25 00
1008	.....	Old Settler .....	2	Mar. 3, 1880	do .....	25 00
1009	.....	Highland Chief .....	2	Apr. 7, 1880	do .....	25 00
1010	.....	Hugo .....	2	Apr. 7, 1880	do .....	25 00
1011	.....	Silver Belt .....	2	Apr. 17, 1880	do .....	25 00
1012	.....	Maggie .....	2	June 9, 1880	do .....	25 00
1013	.....	Montana .....	2	Apr. 16, 1880	do .....	25 00
1014	.....	Pendery .....	2	Mar. 30, 1880	do .....	25 00
1015	.....	Stem Winder .....	2	Mar. 19, 1880	do .....	25 00
1016	.....	Ocean Wave .....	2	Apr. 27, 1880	do .....	25 00
1017	.....	Jennie .....	2	June 11, 1880	do .....	25 00
1018	.....	Amazon .....	2	Apr. 15, 1880	do .....	25 00
1019	.....	Diamond Tunnel No. 8 .....	2	Mar. 30, 1880	do .....	25 00
1020	.....	Sunburst .....	2	Mar. 26, 1880	do .....	25 00
1021	.....	Rorow .....	2	Apr. 10, 1880	do .....	25 00
1022	.....	Jewell .....	2	May 11, 1880	do .....	25 00
1023	.....	Hercules .....	2	Mar. 29, 1880	do .....	25 00
1024	.....	Willihan .....	2	Apr. 16, 1880	do .....	25 00
1025	.....	Excelsior .....	2	Apr. 20, 1880	do .....	25 00
1026	.....	Albion .....	2	May 6, 1880	do .....	25 00
1027	.....	Hopewell .....	2	Apr. 3, 1880	do .....	25 00
1028	.....	Second Lucerne .....	2	May 22, 1880	do .....	25 00
1029	.....	German .....	2	June 24, 1880	do .....	25 00
1031	.....	Donna Julia placer .....	2	Apr. 20, 1880	do .....	25 00
1032	.....	Black Bear .....	2	June 8, 1880	do .....	25 00
1033	.....	Florence .....	2	Apr. 23, 1880	do .....	25 00
1036	.....	Silver West .....	2	Apr. 16, 1880	do .....	25 00
1037	.....	Etta Disbrou .....	2	May 11, 1880	do .....	25 00
1038	.....	Park .....	2	May 11, 1880	do .....	25 00
1039	.....	Patsey .....	2	May 11, 1880	do .....	25 00
1040	.....	Alley May .....	2	May 11, 1880	do .....	25 00
1041	.....	Monster .....	2	June 26, 1880	do .....	25 00
1042	.....	Hot Soda Springs placer .....	2	Apr. 27, 1880	do .....	25 00
1044	.....	Stephens mill site .....	2	June 4, 1880	do .....	25 00
1045	.....	Elm City .....	2	May 6, 1880	do .....	25 00
1047	A and B ..	Linn lode and mill site .....	2	June 26, 1880	do .....	25 00
1048	A and B ..	Girard lode and mill site .....	2	June 26, 1880	do .....	25 00
1049	.....	Eureka .....	2	June 5, 1880	do .....	25 00
1050	A and B ..	Fenian lode and mill site .....	2	May 22, 1880	do .....	25 00
1053	.....	Frederick .....	2	May 20, 1880	do .....	25 00
1054	.....	Adrian .....	2	May 18, 1880	do .....	25 00
1055	.....	Santry .....	2	May 26, 1880	do .....	25 00
1056	.....	Zouave .....	2	May 27, 1880	do .....	25 00
1057	A and B ..	Grey Eagle lode and mill site .....	2	May 27, 1880	do .....	25 00
1061	.....	Madison .....	2	June 4, 1880	do .....	25 00
1063	.....	Dunderberg .....	2	June 30, 1880	do .....	25 00
1064	.....	Montrose .....	2	June 22, 1880	do .....	25 00
1071	.....	Berwick .....	2	June 12, 1880	do .....	25 00



D.—Statement showing the number, date of approval, and location, &amp;c.—Continued.

Number of survey.	Name of lode.	District.	Date of ap- proval.	Location.	Amount.
1072	D. D	2	June 28, 1880	Clear Creek County	\$25 00
1076	Neath	2	June 26, 1880	do	25 00
1078	Loraine	2	June 28, 1880	do	25 00
161	Gould and Curry	3	Oct. 25, 1879	Park County	25 00
314	Law	3	Mar. 23, 1880	Lake County	25 00
335	Buckeye	3	July 22, 1879	Park County	25 00
336	Columbia	3	July 22, 1879	do	25 00
341	Placer	3	Sept. 17, 1879	Lake County	25 00
347	Lower Printer Boy	3	Feb. 16, 1880	do	25 00
349	Arctic	3	Aug. 21, 1879	do	25 00
353	Last Chance	3	July 19, 1879	do	25 00
372	Belgian	3	Sept. 1, 1879	do	25 00
373	Gilpin	3	Sept. 26, 1879	do	25 00
380	Jacobson Placer	3	Sept. 13, 1879	Summit County	25 00
382	Mill Site	3	Sept. 30, 1879	Lake County	25 00
388	Sizer Placer	3	May 24, 1880	do	25 00
389	Germania Placer	3	July 3, 1879	do	25 00
390	Cucumber	3	Sept. 5, 1879	do	25 00
391	Queen of the Hills	3	June 1, 1880	do	25 00
396	Alice Placer	3	May 21, 1880	do	25 00
398	Stumpf Placer	3	Sept. 2, 1879	do	25 00
401	Platner	3	July 21, 1879	do	25 00
406	Rhone	3	Sept. 10, 1879	Summit County	25 00
407	Checkmate	3	Sept. 10, 1879	do	25 00
408	Windsor	3	Sept. 5, 1879	do	25 00
409	G. B. R	3	Aug. 27, 1879	do	25 00
410	Montgomery	3	July 8, 1879	Lake County	25 00
411	Strip	3	July 21, 1879	do	25 00
412	Little Rische	3	Feb. 26, 1880	do	25 00
413	Dickson Placer	3	Oct. 28, 1879	do	25 00
414	American Placer	3	June 16, 1880	do	25 00
415	Neusitz Placer	3	Sept. 25, 1879	do	25 00
420	Brick Pomeroy	3	Aug. 1, 1879	do	25 00
424	Oro Placer	3	July 21, 1879	do	25 00
425	Comstock No. 1	3	Oct. 4, 1879	do	25 00
428	Judge Pendery	3	Aug. 15, 1879	do	25 00
429	Highland Chief	3	Feb. 7, 1880	do	25 00
434	Bradshaw Placer	3	Aug. 1, 1879	Summit County	25 00
439	Hillerton Placer	3	July 16, 1879	Lake County	25 00
440	Vanadium Placer	3	July 16, 1879	do	25 00
441	Mike	3	Dec. 2, 1879	do	25 00
442	Thomas Starr	3	Dec. 2, 1879	do	25 00
446	Hibernian	3	July 5, 1879	do	25 00
447	Argo	3	Aug. 2, 1879	do	25 00
448	May Queen	3	July 26, 1879	do	25 00
450	Colorado Chief	3	July 12, 1879	do	25 00
451	Morning Starr	3	Aug. 4, 1879	do	25 00
452	Waterloo	3	July 8, 1879	do	25 00
453	Bemorse and Bostwick Placer	3	July 19, 1879	Summit County	25 00
454	Maud Hicks	3	July 2, 1879	Lake County	25 00
455	Uncle Sam	3	Aug. 15, 1879	do	25 00
456	Arapahoe	3	Aug. 2, 1879	do	25 00
457	Eliza	3	July 2, 1879	do	25 00
458	John T. Raymond mill site	3	Oct. 24, 1879	do	25 00
459	Garbut	3	July 19, 1879	do	25 00
460	Hope	3	Oct. 23, 1879	do	25 00
461	Fanny Rawlings	3	July 21, 1879	do	25 00
462	Lickscumdedricks	3	July 9, 1879	do	25 00
465	Mountain Boy	3	Aug. 9, 1879	do	25 00
467	Independent	3	Sept. 4, 1879	do	25 00
468	Bevis	3	Oct. 25, 1879	do	25 00
469	Quartsite	3	Aug. 14, 1879	do	25 00
470	Matchless	3	Sept. 13, 1879	do	25 00
471	Eclip	3	July 30, 1879	do	25 00
472	Jamie Lee	3	July 29, 1879	do	25 00
473	Grand Prize	3	July 29, 1879	do	25 00
474	Iowa	3	July 30, 1879	do	25 00
475	Swamp Angel	3	Oct. 22, 1879	do	25 00
476	Milwaukee	3	Sept. 25, 1879	do	25 00
477	Cleveland	3	July 29, 1879	do	25 00
480	Blue Bird	3	Aug. 13, 1879	do	25 00
481	Emmett	3	Aug. 28, 1879	do	25 00
482	Washington	3	Sept. 6, 1879	do	25 00
483	Resurvey of survey 452.	3	Aug. 4, 1879	do	25 00
484	William Penn	3	Sept. 6, 1879	do	25 00
485	Benjamin Franklin	3	Sept. 5, 1879	do	25 00
486	Philadelphia	3	Sept. 2, 1879	do	25 00



D.—Statement showing the number, date of approval, and location, &amp;c.—Continued.

Number of survey.	Name of lode.	District.	Date of approval.	Location.	Amount.
487	General Cadwallader	3	Aug. 30, 1879	Lake County	25 00
488	Dillon	3	Aug. 13, 1879	do	25 00
489	Great Hope	3	Aug. 13, 1879	do	25 00
490	Gilt Edge	3	Oct. 4, 1879	do	25 00
491	Lady Jane	3	Aug. 18, 1879	do	25 00
492	Olga	3	June 29, 1880	do	25 00
493	Nautilus	3	Sept. 6, 1879	do	25 00
494	Alice	3	Sept. 22, 1879	do	25 00
495	Virginus	3	Dec. 1, 1879	do	25 00
496	New Year	3	Dec. 17, 1879	do	25 00
498	Everett	3	Sept. 8, 1879	do	25 00
499	Red Cloud	3	Feb. 21, 1880	do	25 00
500	Lark	3	Sept. 19, 1879	Park County	25 00
501	October	3	Sept. 19, 1879	do	25 00
502	Wild Cat	3	Mar. 16, 1880	Lake County	25 00
505	Alice	3	Sept. 15, 1879	do	25 00
506	Dania	3	Sept. 23, 1879	do	25 00
507	Congo	3	Sept. 23, 1879	do	25 00
508	Tankerstown	3	Sept. 29, 1879	do	25 00
509	Little Miami	3	Sept. 6, 1879	do	25 00
510	Independence	3	Dec. 1, 1879	do	25 00
511	Virginus	3	Aug. 23, 1879	do	25 00
512	Shamus O'Brien	3	Sept. 17, 1879	do	25 00
513	Ten Mile	3	Dec. 5, 1879	Summit County	25 00
514	Homestake	3	Oct. 3, 1879	Lake County	25 00
516	Tribune	3	Aug. 25, 1879	do	25 00
517	Little Mack	3	Aug. 25, 1879	do	25 00
518	Little Jonny	3	Sept. 2, 1879	do	25 00
521	Tiger	3	Apr. 22, 1880	Summit County	25 00
522	Mill Site	3	Dec. 1, 1879	Lake County	25 00
523	Mollie Stark Placer	3	Feb. 14, 1880	do	25 00
525	Atlantic	3	Oct. 23, 1879	Park County	25 00
526	Pacific	3	Oct. 23, 1879	Summit County	25 00
527	Silver Lake	3	Oct. 23, 1879	do	25 00
528	Andy Johnson	3	Sept. 15, 1879	Lake County	25 00
529	Scooper	3	Sept. 22, 1879	do	25 00
530	Del Monte	3	Dec. 1, 1879	do	25 00
531	Prospect	3	Oct. 20, 1879	do	25 00
532	Aztec	3	Apr. 3, 1880	do	25 00
533	Wolf Tone	3	Jan. 7, 1880	do	25 00
534	Monte Christo	3	Jan. 8, 1880	do	25 00
535	Little Winnie	3	Oct. 4, 1879	do	25 00
536	Brookland	3	Jan. 25, 1880	do	25 00
536	Resurvey do	3	Mar. 12, 1880	do	25 00
538	Robert Burns	3	Feb. 7, 1880	do	25 00
539	Highland Mary	3	Feb. 10, 1880	do	25 00
540	Chloe	3	Sept. 25, 1879	Park County	25 00
541	Broad Gauge	3	Oct. 17, 1879	do	25 00
542	Little Alice	3	Sept. 23, 1879	Lake County	25 00
543	San José	3	Dec. 4, 1879	do	25 00
544	Titan	3	Oct. 18, 1879	do	25 00
545	Little Stella	3	Sept. 17, 1879	do	25 00
546	Bully of the Woods	3	Feb. 21, 1880	do	25 00
547	Big Giant	3	Dec. 5, 1879	Summit County	25 00
549	Jessie Clark	3	Oct. 4, 1879	Lake County	25 00
550	Little Ellen	3	Sept. 23, 1879	do	25 00
551	Little Prince	3	Feb. 7, 1880	do	25 00
553	Miner Boy	3	Oct. 4, 1879	do	25 00
554	Sierra Nevada	3	Oct. 28, 1879	do	25 00
555	U. S. Mint	3	Oct. 4, 1879	do	25 00
556	Hoosier	3	Jan. 9, 1880	Park County	25 00
557	A and B Mountain Glen lode and mill site	3	Feb. 10, 1880	do	25 00
558	Saint Louis	3	Oct. 6, 1879	Lake County	25 00
559	William Redick	3	Mar. 30, 1880	do	25 00
560	Lingula	3	Feb. 4, 1880	do	25 00
561	Maria	3	Dec. 17, 1879	do	25 00
562	Le Roy	3	Jan. 9, 1880	do	25 00
565	Colorado Prince	3	Feb. 28, 1880	do	25 00
566	Doris	3	Dec. 19, 1879	do	25 00
567	Katy	3	Oct. 2, 1879	do	25 00
568	Maid of Erin	3	Oct. 30, 1879	do	25 00
569	Treasure Vault	3	Dec. 19, 1879	do	25 00
570	Peru	3	Dec. 16, 1879	Park County	25 00
571	Jay Gould	3	Jan. 10, 1879	do	25 00
572	Columbia	3	Jan. 9, 1880	Lake County	25 00
573	Young Caribou	3	Dec. 8, 1879	do	25 00
574	Rarus	3	Dec. 1, 1879	do	25 00
575	Cedar Rapids	3	Dec. 1, 1879	do	25 00
576	P. O. S	3	Apr. 24, 1880	do	25 00



D.—Statement showing the number, date of approval, and location, &amp;c.—Continued.

Number of survey.		Name of lode.	District.	Date of ap- proval.	Location.	Amount.
577		Emma	3	Oet. 10, 1879	Lake County	\$25 00
578		Pocahontas	3	Oet. 23, 1879	do	25 00
578	Resurvey	do	3	Jan. 16, 1880	do	25 00
579		Dauntless	3	Dec. 1, 1879	do	25 00
580		Tender Foot	3	Jan. 29, 1880	do	25 00
581		Ada	3	Dec. 1, 1879	Park County	25 00
582		Anniboby	3	Dec. 1, 1879	do	25 00
583		Watseka	3	Dec. 1, 1879	do	25 00
584		Ohio	3	Oet. 7, 1879	Lake County	25 00
585		Sunnyside	3	Oet. 28, 1879	do	25 00
586		Edith	3	Dec. 26, 1879	do	25 00
587		Oriental	3	Oet. 20, 1879	do	25 00
588		Lora Lynn	3	Oet. 24, 1879	do	25 00
589		Ballard	3	Oet. 6, 1879	do	25 00
590		Pride of the West	3	Dec. 27, 1879	do	25 00
591		Enterprise	3	Oet. 24, 1879	do	25 00
592		Placer, John Leahy No. 2	3	Oet. 4, 1879	do	25 00
594		Columbia	3	Oet. 20, 1879	do	25 00
595		Silent Friend	3	Oet. 30, 1879	do	25 00
596		Little Vinnie	3	Apr. 7, 1880	do	25 00
597		Fairplay	3	Dec. 1, 1879	do	25 00
598		H. M. L.	3	Feb. 10, 1879	do	25 00
599		Hidden Treasure	3	Dec. 3, 1879	do	25 00
600		War Eagle	3	Dec. 1, 1879	do	25 00
601		Little Annie	3	Dec. 1, 1879	do	25 00
602		Belden	3	Dec. 1, 1879	Summit County	25 00
603		Bertha	3	Dec. 1, 1879	do	25 00
604		Izzard	3	Feb. 6, 1880	Lake County	25 00
605		Indiana	3	Mar. 2, 1880	do	25 00
606		Silver King	3	Dec. 17, 1879	do	25 00
607		Hazzard	3	Dec. 8, 1879	do	25 00
608		Nisi Prius	3	Dec. 1, 1879	do	25 00
612		White Rabbit	3	Dec. 19, 1879	do	25 00
613		Pennsylvania	3	Feb. 19, 1880	do	25 00
614		Hereules	3	Dec. 10, 1879	do	25 00
615		Maxwell	3	Jan. 5, 1880	Summit County	25 00
617		Ontario	3	Dec. 16, 1879	Lake County	25 00
618		Lake County	3	Dec. 2, 1879	do	25 00
619		Badger State	3	Dec. 15, 1879	do	25 00
620		Little Edenburg	3	Jan. 10, 1880	do	25 00
623		South Fork	3	Dec. 8, 1879	do	25 90
624		Pease placer	3	Dec. 4, 1879	do	25 00
625		Hawkeye	3	Feb. 11, 1880	do	25 00
626		Emma	3	Dec. 2, 1879	do	25 09
627		Alleghany placer	3	Feb. 18, 1880	Park County	25 00
628		Hard Cash	3	Dec. 1, 1879	Lake County	25 00
629		Harry Colvin	3	Dec. 17, 1879	do	25 00
630		Greenwood	3	Dec. 23, 1879	do	25 00
635		Kohinoor	3	Mar. 4, 1880	do	25 00
636		Elmore	3	Mar. 15, 1880	do	25 00
638		Richmond	3	Dec. 23, 1879	Summit County	25 00
639		New York	3	Jan. 14, 1880	do	25 00
640		Vicksburgh	3	Jan. 13, 1880	do	25 00
641	A. and B.	Argo lode and mill site	3	Dec. 22, 1879	do	25 00
642		Newfoundland	3	Dec. 16, 1879	Lake County	25 00
643		Black Prince	3	Dec. 23, 1879	do	25 00
644		Cora Bell	3	June 7, 1880	do	25 00
645		Orphan Boy	3	Dec. 30, 1879	Park County	25 00
646		Champagne	3	Dec. 27, 1879	do	25 00
647		Olive	3	Feb. 16, 1880	Lake County	25 00
649		Muehaehmoek	3	Mar. 9, 1880	do	25 00
650		Warsaw	3	Mar. 19, 1880	do	25 00
651		Hoodoo	3	Jan. 15, 1880	do	25 00
652		Echo	3	Jan. 5, 1880	do	25 00
654		Amelia	3	Jan. 5, 1880	do	25 00
655		Little Chippewa	3	Feb. 28, 1880	do	25 00
656		Highland Mary	3	Mar. 23, 1880	do	25 00
657		Luck	3	Mar. 23, 1880	do	25 00
658		Mahala	3	Mar. 26, 1880	do	25 00
659		Sedalia	3	Feb. 12, 1880	do	25 00
660		Fanchon placer	3	Jan. 28, 1880	do	28 00
661		Stinson placer	3	Jan. 28, 1880	do	28 00
663		Christmas Gift	3	Feb. 25, 1880	do	25 00
664		Lake County	3	Mar. 15, 1880	do	25 00
665		Kanoshia	3	Dec. 24, 1879	do	25 00
666		Mount Massive placer	3	Dec. 17, 1879	do	25 00
667		Idaho	3	Apr. 6, 1880	do	25 00
668		Irene	3	May 12, 1880	do	25 00
669		Leadville	3	Apr. 13, 1880	do	25 00



D.—Statement showing the number, date of approval, and location, &amp;c.—Continued.

Number of survey.		Name of lode.	District.	Date of ap- proval.	Location.	Amount.
671		Silver Wave .....	3	Mar. 4, 1880	Lake County .....	\$25 00
671	Resurvey	do .....	3	Mar. 22, 1880	do .....	25 00
674		Cordelia Edmondson .....	3	Feb. 2, 1880	do .....	25 00
675	A and B	Centennial lode and mill site .....	3	Jan. 2, 1880	Summit County .....	25 00
676	A and B	Marxon lode and mill site .....	3	Dec. 31, 1879	do .....	25 00
677	A and B	Sampson lode and mill site .....	3	Jan. 3, 1880	do .....	25 00
678	A and B	Rustler lode and mill site .....	3	Dec. 29, 1879	do .....	25 00
679	A and B	Chas. G. Comstock lode and mill site .....	3	Jan. 15, 1880	do .....	25 00
680		Stenben .....	3	Jan. 12, 1880	Lake County .....	25 00
681		Frank .....	3	Mar. 15, 1880	do .....	25 00
682		Little Champion .....	3	Jan. 14, 1880	do .....	25 00
684		Kennebee .....	3	Dec. 30, 1879	do .....	25 00
689		Archer .....	3	Jan. 26, 1880	do .....	25 00
690		Augusta .....	3	Apr. 3, 1880	do .....	25 00
691		Niles .....	3	Mar. 27, 1880	do .....	25 00
694		Boulder .....	3	Apr. 3, 1880	do .....	25 00
695		American Eagle .....	3	Jan. 24, 1880	do .....	25 00
696		Kierscey .....	3	Feb. 8, 1880	do .....	25 00
697		Red Headed Mary .....	3	June 24, 1880	do .....	25 00
698		Aspen .....	3	Apr. 19, 1880	Summit County .....	25 00
700		Maryland .....	3	Jan. 24, 1880	Lake County .....	25 00
701		Florence .....	3	Jan. 29, 1880	do .....	25 00
702		Princeton .....	3	Jan. 28, 1880	do .....	25 00
703		Little Blonde .....	3	Feb. 21, 1880	do .....	25 00
704		Key .....	3	Feb. 9, 1880	do .....	25 00
705		Ohio .....	3	June 25, 1880	Summit County .....	25 00
707		Woodbury .....	3	Mar. 2, 1880	Lake County .....	25 00
708		Ashley .....	3	Mar. 2, 1880	do .....	25 00
709		Jessie .....	3	Feb. 13, 1880	do .....	25 00
710		Rambler .....	3	Jan. 15, 1880	Summit County .....	25 00
712	Resurvey	Chestnut .....	3	May 11, 1880	Lake County .....	25 00
713	Resurvey	Walnut .....	3	May 11, 1880	do .....	25 00
714		Scott .....	3	Feb. 10, 1880	Summit County .....	25 00
715		Jason .....	3	Feb. 10, 1880	do .....	25 00
716		Glengarry .....	3	Mar. 2, 1880	Lake County .....	25 00
717		Champion .....	3	Jan. 15, 1880	Summit County .....	25 00
718		Pennsylvania .....	3	Apr. 2, 1880	Lake County .....	25 00
719		Dolphin .....	3	Jan. 15, 1880	do .....	25 00
720		Iron Queen .....	3	Feb. 18, 1880	do .....	25 00
720		do .....	3	May 11, 1880	do .....	25 00
721	Resurvey	Mary E .....	3	Jan. 20, 1880	do .....	28 00
722		Bald Mountain .....	3	Jan. 20, 1880	do .....	25 00
724		Accountias .....	3	Feb. 12, 1880	do .....	25 00
725		William .....	3	Jan. 24, 1880	do .....	25 00
726		Denver City .....	3	Feb. 29, 1880	do .....	25 00
727		Loveland .....	3	Feb. 14, 1880	do .....	25 00
728		Superior .....	3	Feb. 14, 1880	do .....	25 00
729		Woodruff .....	3	Feb. 2, 1880	do .....	25 00
730		Logan .....	3	Feb. 19, 1880	do .....	25 00
731		Erie .....	3	Jan. 31, 1880	do .....	25 00
732		Donovan .....	3	Mar. 23, 1880	do .....	25 00
736		Altoona .....	3	Feb. 3, 1880	do .....	25 00
737		Minnehaha .....	3	Feb. 3, 1880	do .....	25 00
739		Champion .....	3	May 14, 1880	do .....	25 00
740		Mary .....	3	Jan. 26, 1880	do .....	25 00
741		Resurrection .....	3	Jan. 26, 1880	do .....	25 00
742		Orion .....	3	May 8, 1880	do .....	25 00
743		John Mitchell .....	3	Jan. 20, 1880	do .....	25 00
744		Cone .....	3	May 14, 1880	do .....	25 00
746		Saint Joseph .....	3	Mar. 4, 1880	do .....	25 00
748		Bismarck .....	3	Mar. 27, 1880	do .....	25 00
749		Humboldt .....	3	May 10, 1880	do .....	25 00
750		Utah .....	3	Mar. 29, 1880	do .....	25 00
751		Daisy .....	3	Mar. 6, 1880	do .....	25 00
752		Effa Harris .....	3	Feb. 27, 1880	do .....	25 00
753		First National .....	3	Feb. 27, 1880	do .....	25 00
754		Confidence .....	3	Mar. 4, 1880	do .....	25 00
755		Little Diamond .....	3	Mar. 23, 1880	do .....	25 00
756		Emma .....	3	Feb. 21, 1880	do .....	25 00
757		Little Champion .....	3	May 7, 1880	do .....	25 00
758		Little Maud .....	3	Mar. 4, 1880	do .....	25 00
759		Florence .....	3	Mar. 9, 1880	do .....	25 00
760		Castle View .....	3	Mar. 23, 1880	do .....	25 00
761		Printer Girl .....	3	Feb. 19, 1880	do .....	25 00
762		Geneva .....	3	Feb. 26, 1880	do .....	25 00
763		Christmas .....	3	Apr. 26, 1880	do .....	25 00
764		Lone Tree .....	3	Mar. 12, 1880	do .....	25 00
765		Globe .....	3	Mar. 12, 1880	do .....	25 00
767		Codfish .....	3	Mar. 22, 1880	do .....	25 00



D.—Statement showing the number, date of approval, and location, &amp;c.—Continued.

Number of survey.		Name of lode.	District.	Date of approval.	Location.	Amount.
768		Ocean Wave	3	Feb. 25, 1880	Lake County	\$25 00
769		King Solomon	3	Feb. 26, 1880	do	25 00
770		Robinson placer	3	Mar. 4, 1880	Summit County	25 00
773		William Wallace	3	Mar. 6, 1880	Lake County	25 00
780		Cora	3	Mar. 30, 1880	Summit County	25 00
781		Mamie	3	Mar. 30, 1880	do	25 00
782		Monument	3	Apr. 17, 1880	do	25 00
783		Hartford	3	Feb. 20, 1880	Lake County	25 00
784		Peoria Boy	3	Feb. 20, 1880	do	25 00
788		Continental	3	Feb. 20, 1880	do	25 00
789		Laurel	3	Mar. 24, 1880	do	25 00
790		A. Y.	3	Mar. 24, 1880	do	25 00
791		Blind Tom	3	Mar. 8, 1880	do	25 00
791	Resurvey	do	3	May 18, 1880	do	25 00
794		Wednesday	3	Mar. 8, 1880	do	25 00
795		Negro Infant	3	Mar. 9, 1880	do	25 00
796		Pocahontas	3	Mar. 24, 1880	do	25 00
796	Resurvey	do	3	May 5, 1880	do	25 00
797		Palmetto and American Flag	3	Mar. 11, 1880	do	25 00
798		Argo	3	Apr. 29, 1880	do	25 00
799		G. M. Favorite	3	Mar. 3, 1880	do	25 00
801		Leopard	3	Apr. 20, 1880	do	25 00
802		Yates	3	Apr. 2, 1880	do	25 00
806		Grace	3	Mar. 10, 1880	do	25 00
807		Scofield	3	Mar. 10, 1880	do	25 00
811		Catawba	3	Apr. 26, 1880	do	25 00
813		Modoc	3	Mar. 9, 1880	do	25 00
814		Czar placer	3	Apr. 15, 1880	do	25 00
817		Leonhardy placer	3	Mar. 26, 1880	Chaffee County	25 00
819		Comer	3	Mar. 30, 1880	Lake County	25 00
821		Little Chicago	3	Apr. 5, 1880	do	25 00
823		Mahaney	3	Mar. 3, 1880	do	25 00
824		East Alpine placer	3	May 24, 1880	Chaffee County	25 00
825		Yankee Doodle	3	Apr. 3, 1880	Lake County	25 00
826		Ida Krouse	3	Apr. 19, 1880	Summit County	25 00
827		Little Nellie	3	Apr. 19, 1880	do	25 00
829		Oro Fino	3	Mar. 27, 1880	do	25 00
830		Crescent	3	Apr. 14, 1880	do	25 00
831		General Shields	3	Apr. 6, 1880	do	25 00
833		Prince of Orleans	3	June 12, 1880	Lake County	25 00
834		Antelope	3	June 9, 1880	do	25 00
835		Big Chief	3	Mar. 29, 1880	do	25 00
836		Echo	3	Apr. 1, 1880	do	25 00
839		Little Ollie	3	May 17, 1880	Summit County	25 00
840		Highland Chief	3	May 17, 1880	do	25 00
841		Washington	3	Mar. 30, 1880	do	25 00
842		Tucson	3	Apr. 3, 1880	Lake County	25 00
843		Abbott placer	3	May 24, 1880	Summit County	25 00
844		Clara Dell	3	Apr. 7, 1880	Lake County	25 00
845		Rubie	3	May 12, 1880	do	25 00
846		Oro	3	June 16, 1880	do	25 00
847		Budweiser	3	Mar. 23, 1880	do	25 00
848		Golden Curry	3	Apr. 5, 1880	do	25 00
849		Bazoo	3	Apr. 1, 1880	do	25 00
852		Nocom	3	Mar. 30, 1880	do	25 00
853		Lucknow	3	Mar. 30, 1880	do	25 00
854		Ocean	3	May 18, 1880	do	25 00
855		Placer	3	Mar. 26, 1880	Park County	25 00
856		Queen of Sheba	3	Apr. 13, 1880	Lake County	25 00
859		Little Monitor	3	Mar. 30, 1880	do	25 00
860		Seneca	3	May 17, 1880	do	25 00
861		Union Rebel	3	Apr. 20, 1880	do	25 00
862		D. P. R	3	May 6, 1880	do	25 00
864		Hope	3	Apr. 5, 1880	Summit County	25 00
865		Montezuma	3	May 20, 1880	Lake County	25 00
666		Mammoth	3	May 12, 1880	do	25 00
867		Red Bird	3	May 29, 1880	do	25 00
868		Roudebush and Moynahan placer	3	May 19, 1880	do	25 00
878		Black Hawk	3	Apr. 13, 1880	do	25 00
880		Hamburg	3	May 3, 1880	do	25 00
881		Hathaway & Mills placer	3	Apr. 21, 1880	Park County	25 00
882		Jones	3	Apr. 21, 1880	do	25 00
884		Buncombe	3	May 3, 1880	Lake County	25 00
885		T. L. Welsh	3	May 3, 1880	do	25 00
888		Anita	3	May 3, 1880	do	25 00
889		Kington Consolidated	3	Apr. 21, 1880	do	25 00
890		Forest City No. 2	3	June 30, 1880	do	25 00
891		Ernest	3	May 18, 1880	Park County	25 00
892		Kokomo	3	May 19, 1880	Lake County	25 00
873		White Cap	3	Apr. 26, 1880	do	25 00



D.—Statement showing the number, date of approval, and location, &amp;c.—Continued.

Number of survey.	Name of lode.	District.	Date of approval.	Location.	Amount.
895	Forfeit	3	May 11, 1880	Lake County	\$25 00
898	Eagle Bird	3	May 3, 1880	Summit County	25 00
899	Cleopatra	3	June 11, 1880	do	25 00
900	Silver Wave	3	May 12, 1880	do	25 00
905	Honey Comb	3	June 2, 1880	Lake County	25 00
906	Little Sharron	3	May 27, 1880	do	25 00
909	Across the Ocean	3	Apr. 22, 1880	do	25 00
910	Banker	3	Apr. 26, 1880	do	25 00
913	Monte Cristo	3	May 10, 1880	do	25 00
914	Little Scott	3	May 10, 1880	do	25 00
915	Lalla Rookh	3	May 19, 1880	do	25 00
919	Hartford	3	Apr. 30, 1880	do	25 00
921	Cliff placer	3	June 2, 1880	Chaffee County	25 00
923	Silver Basin	3	May 17, 1880	Lake County	25 00
924	Hawkeye	3	June 10, 1880	do	25 00
926	A and B Tanner Boy lode and Howell mill site.	3	May 28, 1880	Park County	25 00
927	Gill & Martin's mill site	3	May 25, 1880	Lake County	25 00
928	Steamboat	3	May 27, 1880	do	25 00
929	Nettie Morgan	3	June 9, 1880	do	25 00
930	Chicago Reduction Works placer	3	May 20, 1880	do	25 00
931	Chicago Reduction Works mill site.	3	May 19, 1880	do	25 00
932	Chicago Reduction Works mill site No. 2.	3	May 19, 1880	do	25 00
934	Kansas	3	June 21, 1880	Park County	25 00
935	Little Comstock	3	May 19, 1880	Lake County	25 00
936	Golden Eagle	3	May 20, 1880	do	25 00
938	Ben Burb	3	May 26, 1880	do	25 00
940	Robert Emmett	3	May 26, 1880	do	25 00
941	Wheel of Fortune	3	June 7, 1880	Summit County	25 00
942	Spare Ground	3	June 21, 1880	do	25 00
943	Highland Mary	3	June 7, 1880	do	25 00
944	Star of the West	3	June 7, 1880	do	25 00
945	Butcher Boy	3	May 29, 1880	do	25 00
948	Alicante	3	May 22, 1880	do	25 00
951	Whipple	3	May 21, 1880	Lake County	25 00
960	Golden Edge	3	June 23, 1880	Summit County	25 00
965	Ticonic	3	May 26, 1880	Lake County	25 00
966	Lady Alice	3	June 24, 1880	do	25 00
967	Thomas placer	3	June 21, 1880	Chaffee County	25 00
969	Iron Rock	3	June 28, 1880	Lake County	25 00
975	Minnie	3	June 19, 1880	do	25 00
980	Hamilton Gold	3	June 16, 1880	do	25 00
983	American Patch placer	3	June 29, 1880	Summit County	25 00
984	Adams Patch placer	3	June 24, 1880	do	25 00
985	Quartz Patch placer	3	June 19, 1880	do	25 00
986	Star of the West	3	June 9, 1880	do	25 00
994	Botcher No. 2	3	June 9, 1880	Lake County	25 00
1002	Brian the Brave	3	June 16, 1880	Park County	25 00
1010	Gnome	3	June 29, 1880	Lake County	25 00
1012	Our Louise	3	June 16, 1880	do	25 00
1013	Nancy L	3	June 19, 1880	do	25 00
1014	McKenzie placer	3	June 29, 1880	do	25 00
1016	Silver Cloud	3	June 23, 1880	do	25 00
1017	Kent	3	June 23, 1880	do	25 00
1018	Ishpenning	3	June 26, 1880	do	25 00
1024	Cora	3	June 26, 1880	do	25 00
1027	X 10 U 8	3	June 30, 1880	do	25 00
382	A and B Ellingham lode and mill site	4	July 11, 1879	Boulder County	25 00
387	Hercules	4	July 25, 1879	do	25 00
388	A and B Overland lode and mill site	4	Aug. 11, 1879	do	25 00
389	A and B Prussian lode and mill site	4	Oct. 22, 1879	do	25 00
390	A and B Iron lode and mill site	4	Dec. 5, 1879	do	25 00
391	Geneva Arbitration	4	Sept. 12, 1879	do	25 00
167	Amended. Columbia	4	Oct. 22, 1879	do	25 00
392	Little Pittsburg	4	Oct. 30, 1879	do	25 00
393	More Punch	4	Oct. 31, 1879	do	25 00
394	Milan	4	Dec. 24, 1879	do	25 00
395	Golden Age	4	June 24, 1880	do	25 00
397	True Blue	4	June 15, 1880	do	25 00
399	Wall Street	4	Apr. 27, 1880	do	25 00
401	Carlyle	4	Jan. 9, 1880	do	25 00
402	Steam Power	4	Jan. 21, 1880	do	25 00
404	A and B American lode and mill site	4	Jan. 21, 1880	do	25 00
405	Norwegian	4	Feb. 4, 1880	do	25 00
406	Cleveland	4	Jan. 19, 1880	do	25 00
407	Last Chance	4	Jan. 31, 1880	do	25 00
408	A and B Livingstone lode and mill site	4	Jan. 31, 1880	do	25 00
409	Hudson	4	Feb. 4, 1880	do	25 00



D.—Statement showing the number, date of approval, and location, &amp;c.—Continued.

Number of survey.	Name of lode.	District.	Date of approval.	Location.	Amount.
410	Mountain Evans	4	Feb. 7, 1880	Boulder County	\$25 00
411	Humboldt Extension	4	Apr. 21, 1880	do	25 00
412	Comstock No. 2	4	Apr. 24, 1880	do	25 00
414	Western Slope	4	Mar. 6, 1880	do	25 00
416	Lord Byron	4	May 19, 1880	do	25 00
417	B. F. Smith	4	Apr. 28, 1880	do	25 00
419	Snow Flake	4	Apr. 30, 1880	do	25 00
420	Emancipation	4	Apr. 27, 1880	do	25 00
421	Buena	4	May 8, 1880	do	25 00
423	Croesus	4	Apr. 29, 1880	do	25 00
424	A and B Little Alice lode and mill site	4	May 29, 1880	do	25 00
426	Glendale	4	June 30, 1880	do	25 00
427	Durock	4	June 7, 1880	do	25 00
429	North-Western	4	June 7, 1880	do	25 00
430	Marblehead	4	June 19, 1880	do	25 00
54	Racine Boy	5	Feb. 6, 1880	Custer County	25 00
55	Silver Cliff	5	Feb. 27, 1880	do	25 00
56	Wet Mountain	5	Feb. 6, 1880	do	25 00
57	Belford	5	Mar. 5, 1880	do	25 00
63	Bunker Hill	5	July 22, 1879	do	25 00
67	Big Horn	5	Aug. 22, 1879	do	25 00
68	Little Horn	5	Aug. 22, 1879	do	25 00
69	P. & O	5	Mar. 15, 1880	do	25 00
70	William Penn	5	Mar. 15, 1880	do	25 00
71	Queen Victoria	5	Mar. 20, 1880	do	25 00
75	Silver King	5	Dec. 1, 1879	do	25 00
76	Lexington	5	Dec. 26, 1879	do	25 00
77	Jolly Cobbler	5	Mar. 5, 1880	do	25 00
78	Penny Poker	5	Mar. 24, 1880	do	25 00
79	Hercules	5	Apr. 21, 1880	do	25 00
80	A and B Carolus Magnus lode and mill site	5	Apr. 21, 1880	do	25 00
81	Delmonte	5	Mar. 4, 1880	do	25 00
82	Hector	5	Mar. 15, 1880	do	25 00
83	Hudson	5	June 1, 1880	do	25 00
84	Silver World	5	June 1, 1880	do	25 00
85	Sherwood	5	June 1, 1880	do	25 00
86	Argo No. 2	5	June 3, 1880	do	25 00
95	Dirigo	5	June 15, 1880	do	25 00
96	Lone Star	5	Apr. 9, 1880	do	25 00
97	Herman	5	June 8, 1880	do	25 00
98	Darby Extension	5	May 28, 1880	do	25 00
246	A and B Seven-Thirty lode and mill site	7	Oct. 17, 1879	Ouray County	25 00
247	A and B Cammanche lode and mill site	7	Oct. 17, 1879	do	25 00
248	Sheridan	7	Apr. 20, 1880	do	25 00
262	Wells & Moss placer	7	July 14, 1879	Fremont County	25 00
267	Bowen placer	7	Nov. 11, 1879	Rio Grande County	25 00
273	California	7	July 10, 1879	San Juan County	25 00
274	Shenandoah	7	Sept. 24, 1879	do	25 00
275	Rob Roy	7	July 17, 1879	Hinsdale County	25 00
276	Colorado	7	Aug. 16, 1879	do	25 00
277	Veta Madre	7	July 18, 1879	San Juan County	25 00
278	Summit	7	July 18, 1879	do	25 00
279	Golden Eagle	7	Aug. 7, 1879	do	25 00
280	Bear	7	July 22, 1879	do	25 00
281	Silver Chord Extension	7	Aug. 7, 1879	Hinsdale County	25 00
282	Monitor	7	Aug. 9, 1879	do	25 00
283	Smuggler	7	Sept. 2, 1879	do	25 00
284	Laura	7	Apr. 22, 1880	San Juan County	25 00
285	E. Pluribus Unum	7	Oct. 4, 1879	do	25 00
286	Wood	7	Sept. 15, 1879	do	25 00
287	F. L. Seigle	7	Sept. 15, 1879	do	25 00
288	Syracuse Pride	7	Sept. 16, 1879	do	25 00
289	Polar Star	7	Sept. 17, 1879	do	25 00
290	Annie Wood	7	Sept. 17, 1879	do	25 00
291	Scotia	7	Aug. 27, 1879	do	25 00
292	Highland Chief	7	Oct. 4, 1879	Ouray County	25 00
293	Atlantic	7	Oct. 4, 1879	San Juan County	25 00
294	Silver Coin	7	Mar. 11, 1880	Hinsdale County	25 00
295	Vulcan	7	Sept. 26, 1879	Ouray County	25 00
296	Joaquin	7	Sept. 25, 1879	Hinsdale County	25 00
297	North Star	7	Oct. 23, 1879	San Juan County	25 00
298	Roy	7	Oct. 23, 1879	do	25 00
299	Adelle	7	Dec. 1, 1879	Ouray County	25 00
300	Fonda	7	Dec. 1, 1879	do	25 00
301	Church	7	Dec. 1, 1879	do	25 00
302	Henderson	7	Dec. 1, 1879	do	25 00
303	New Jersey	7	Dec. 1, 1879	do	25 00
304	A and B Riverside lode and mill site	7	Dec. 1, 1879	do	25 00
305	Alabama	7	Dec. 13, 1879	San Juan County	25 00
306	Anna Crooke	7	Oct. 31, 1879	do	25 00



D.—Statement showing the number, date of approval, and location, &amp;c.—Continued.

Number of survey.	Name of lode.	District.	Date of ap- proval.	Location.	Amount.
307	John J. Crook	7	Dec. 23, 1879	San Juan County	\$25 00
308	Russella	7	Dec. 17, 1879	Hinsdale County	25 00
309	Miner's Bark	7	Dec. 1, 1879	do	25 00
310	Sulphurets	7	Nov. 4, 1879	Ouray County	25 00
311	Yellow Jack	7	Oct. 23, 1879	San Juan County	25 00
312	George Washington	7	Dec. 1, 1879	Hinsdale County	25 00
313	Big Horn	7	Jan. 7, 1880	do	25 00
314	Printer Boy	7	Jan. 6, 1880	do	25 00
315	Accidental No. 2	7	Jan. 6, 1880	do	25 00
316	Mountain Giant	7	Dec. 26, 1879	do	25 00
317	American Eagle	7	Dec. 26, 1879	do	25 00
318	A and B Iron Mask lode and mill site	7	Dec. 26, 1879	do	25 00
319	Golconda Mine	7	Dec. 22, 1879	Rio Grande County	25 00
320	Tunnel	7	Dec. 1, 1879	do	25 00
321	Boss	7	Dec. 5, 1879	do	25 00
322	Silver Lion	7	Nov. 4, 1879	San Juan County	25 00
323	Big Giant	7	Apr. 8, 1880	do	25 00
324	Narrow Gage	7	Mar. 12, 1880	Rio Grande County	25 00
325	Bob Tail	7	Jan. 30, 1880	do	25 00
328	Hawkeye	7	Dec. 1, 1879	San Juan County	25 00
330	Mary Murphy	7	Dec. 1, 1879	Chaffee County	25 00
331	Black Hawk	7	Dec. 1, 1879	do	25 00
334	Columbia	7	Feb. 19, 1880	San Juan County	25 00
335	Duval	7	Jan. 6, 1880	Hinsdale County	25 00
336	Dolores placer	7	Feb. 24, 1880	Ouray County	25 00
337	Mammoth	7	Dec. 23, 1879	do	25 00
338	Little Barefoot	7	Jan. 14, 1880	Hinsdale County	25 00
339	Grand Trunk	7	Dec. 26, 1879	Ouray County	25 00
342	Hidden Treasure	7	Jan. 19, 1880	Hinsdale County	25 00
343	A and B Wheel of Fortune lode and mill site	7	Mar. 11, 1880	Ouray County	25 00
344	A and B Mark Twain lode and mill site	7	Jan. 21, 1880	do	25 00
345	Silver Queen	7	Jan. 21, 1880	do	25 00
346	Monetizer	7	Jan. 21, 1880	do	25 00
347	A and B Montezuma lode and mill site	7	May 12, 1880	do	25 00
348	Alma Mater No. 1	7	Jan. 15, 1880	do	25 00
349	Alma Mater No. 2	7	Jan. 15, 1880	do	25 00
350	Rollo	7	June 10, 1880	San Juan County	25 00
352	Bullion	7	June 10, 1880	do	25 00
353	Little Chief	7	Feb. 28, 1880	Hinsdale County	25 00
354	Johnny Bull	7	May 20, 1880	Ouray County	25 00
355	C. H. Weston	7	May 18, 1880	do	25 00
356	Goodfro	7	May 20, 1880	do	25 00
357	Belle of the West	7	Feb. 25, 1880	do	25 00
358	Extension	7	Feb. 25, 1880	do	25 00
359	Minerva	7	Feb. 25, 1880	Hinsdale County	25 00
360	San Antonio	7	Mar. 5, 1880	San Juan County	25 00
361	Amador	7	Mar. 19, 1880	do	25 00
362	Phoenix	7	Apr. 10, 1880	Ouray County	25 00
363	Pelican	7	Apr. 10, 1880	do	25 00
364	Yellow Jacket	7	Apr. 10, 1880	do	25 00
365	A and B Columbia lode and mill site	7	Apr. 10, 1880	do	25 00
366	Wide Awake	7	Apr. 10, 1880	do	25 00
367	A and B Aztec lode and mill site	7	Apr. 10, 1880	do	25 00
368	Mountain Chief	7	Mar. 4, 1880	Hinsdale County	25 00
369	Pueblo	7	Mar. 4, 1880	do	25 00
370	Missouri	7	May 19, 1880	Ouray County	25 00
371	Pagossa	7	Mar. 19, 1880	San Juan County	25 00
373	Lode Star	7	Mar. 19, 1880	Hinsdale County	25 00
374	Puzzle	7	Apr. 24, 1880	Ouray County	25 00
375	Placer	7	Mar. 7, 1880	Hinsdale County	25 00
376	A and B California lode and mill site	7	Apr. 13, 1880	do	25 00
382	Sioux City	7	Apr. 20, 1880	San Juan County	25 00
383	Grand View	7	Apr. 29, 1880	Ouray County	25 00
384	Major	7	Apr. 28, 1880	do	25 00
385	Belle of the East	7	Apr. 10, 1880	Hinsdale County	25 00
386	Desdemona	7	June 7, 1880	Chaffee County	25 00
387	Double Header	7	June 7, 1880	do	25 00
388	Iron Duke	7	June 14, 1880	do	25 00
389	Shylock	7	June 7, 1880	do	25 00
390	Stem Winder	7	June 7, 1880	do	25 00
391	Alta	7	May 19, 1880	Ouray County	25 00
392	Spring placer	7	June 8, 1880	Gunnison County	25 00
398	Mobile	7	May 26, 1880	San Juan County	25 00
401	St. Louis	7	June 1, 1880	Hinsdale County	25 00
403	Titusville	7	June 10, 1880	San Juan County	25 00
404	Pompeii	7	June 29, 1880	do	25 00
405	Belcher	7	June 10, 1880	do	25 00
411	Chloride	7	June 30, 1880	do	25 00



E.—Statement showing amount of salaries paid surveyor general and clerks in his office for the fiscal year ending June 30, 1880.

1879.			1880.		
Salaries paid from regular appropriation:					
Sept. 30	First quarter.....	\$1,501 71	July 1	By balance from June 30, 1879	\$5,549 07
Dec. 31	Second quarter.....	1,738 19		By regular appropriation....	6,000 00
1880.				By amount special deposit, mineral.....	26,660 00
Mar. 31	Third quarter.....	1,450 00		By amount special deposit, land surveys.....	4,345 00
June 30	Fourth quarter.....	1,218 88			
	Paid from special deposit fund:				
1879.					
Sept. 30	First quarter.....	2,935 00			
Dec. 31	Second quarter.....	3,495 00			
1880.					
Mar. 31	Third quarter.....	6,005 00			
June 30	Fourth quarter.....	5,795 00			
	To mineral survey deposit returned.....	25 00			
	To land survey deposit returned.....	100 00			
	To amount transferred to incidental account.....	2,325 76			
	Balance.....	15,964 53			
		42,554 07			42,554 07

F.—Statement showing amount expended for rent of office, books, stationery, fuel, and other incidental expenses for the fiscal year ending June 30, 1880.

1879.			1880.		
Sept. 30	To expense first quarter.....	\$638 17	June 30	By regular appropriation....	\$1,500 00
Dec. 31	To expense second quarter...	1,146 06		By amount from special deposit fund.....	2,325 76
1880.					
Mar. 31	To expense third quarter....	1,111 41			
June 30	To expense fourth quarter...	930 12			
		3,825 76			3,825 76

G.—Names and post-office address of deputy surveyors (mineral and agricultural) employed by this office during the fiscal year ending June 30, 1880.

Names.	Address.	Names.	Address.
MINERAL SURVEYORS.		MINERAL SURVEYORS—Cont'd.	
Jacob J. Abbott, jr.....	Lake City.	A. Coffinberry .....	Hillerton.
James W. Abbott.....	Do.	Harry C. Cornwall .....	Irwin.
Samuel Arnold.....	Ouray.	John F. C. Christian .....	Leadville.
John K. Ashley.....	Denver.	Albert E. Chase.....	Georgetown.
Lewis P. Agnew.....	Eagle City.	Francis S. Craven.....	Irwin.
Thos. J. Atwood .....	Poncho Springs.	Chas. L. Cornwell.....	Pitkin.
O. H. Aiken.....	Chaffee City.	Chas. J. Christian.....	Leadville.
General S. Anderson.....	Idaho Springs.	Harry H. Cloud.....	Gothic.
George S. Andrus.....	Evans.	Daniel Drummond.....	Gold Hill.
I. E. S. Alexander.....	Leadville.	Thomas W. M. Draper .....	Lake City.
Cyrus Beardsley.....	Breckenridge.	Chas. F. Dunham .....	Leadville.
Wm. H. Bradt.....	Leadville.	Arthur Donaldson .....	Do.
Chas. C. Baldwin.....	Do.	James Dyson .....	Silverton.
J. M. Bradford.....	Do.	Levi P. Drake .....	Breckenridge.
Andrew J. Bell .....	Hahn's Peak.	Chas W. Denison .....	Villa Grove.
F. F. Bruné.....	Leadville.	Edmond J. Davis .....	Leadville.
Henry D. Bates.....	Do.	H. G. Deniston .....	Chihuahua.
James P. Bates .....	Alma.	W. H. Eichelberger .....	Leadville.
Willard B. Buell .....	Mineral Point.	Jeremiah Evans .....	Crested Buttes.
Fred. G. Bulkley.....	Leadville.	John W. Evans .....	Alma.
George Balderston.....	Fairplay.	J. Clement Eaton .....	Irwin.
B. F. Betser.....	Leadville.	Henry Earle .....	Do.
Max Boehmer.....	Do.	John J. Fisher.....	Colorado Springs.
A. A. Blow.....	Do.	Ernest Le Neve Foster.....	Georgetown.
Clarence Y. Butler.....	Alamosa.	Isaac W. Frank.....	Leadville.
Frank L. Biddlecome.....	Denver.	Jason Lee Frankenger...	Ruby City.
Leonard M. Brown.....	Ruby Camp.	William J. Fine.....	Gothic City.
John B. Brooks.....	Aspen.	C. W. Foreman .....	Silver Cliff.
Ebenezer B. Babbitt .....	Kokomo.	Arthur I. Fonda .....	Leadville.
George A. Brown.....	Rico.	Henry Fulton.....	Boulder.
John H. Bohn.....	Leadville.	James R. Gage.....	Alma.
J. P. Coston .....	Salina.	Lee R. Grabell .....	Rosita.
J. E. Clayton.....	Parrot City.	Newell Gleason.....	Alpine.
Frank R. Carpenter.....	Georgetown.	J. S. Green.....	Leadville.
Leonard Cutshaw.....	Denver.	Frank W. Gove.....	Rico.
Roswell C. Canfield .....	Silver Cliff.	Walter H. Graves .....	Leadville.
Newell Colby.....	Kokomo.	Allen A. Herr.....	Rosita.
Wm. D. Chapman.....	Leadville.	Herman Huber .....	Leadville.



## G.—Names and post-office address of deputy surveyors, &amp;c.—Continued.

Names.	Address.	Names.	Address.
MINERAL SURVEYORS—Cont'd.		MINERAL SURVEYORS—Cont'd.	
Wm. H. Holmes.....	Rosita.	Geo. M. Robison.....	Leadville.
Carl Henrich .....	Leadville.	S. A. Rank .....	Central.
T. Hess .....	Alamosa.	J. F. Raudebaugh .....	Yorkville.
Henri Heametrea .....	Red Cliff.	Geo. H. Robinson.....	Leadville.
T. E. Higginbotham.....	Leadville.	A. Rittenhouse .....	Do.
Lee Hayes .....	Alma.	Samuel G. Rhodes .....	Pitkin.
Joseph B. Hoeing .....	Leadville.	Alfred K. Robinson.....	Carbonateville.
Thos. W. Halliday .....	Gothie City.	John F. Read.....	Pueblo.
Wm. P. Hobson .....	Maysville.	David R. Reed .....	Ouray.
F. M. Hamling .....	Tin Cup.	Abram J. Sparkes .....	Del Norte.
Frank D. Howe.....	Leadville.	E. Steinbaeh.....	Do.
N. W. Holeomb .....	Breekinridge.	Hal Sayre .....	Central City.
Geo. W. Hull .....	Leadville.	A. D. Searl .....	Leadville.
Henry P. Handy.....	Fort Collins.	Wm. B. Sherman .....	Colorado Springs.
Fred. J. Ingersoll.....	Hot Sulphur Springs.	Geo. A. Starbird.....	Longmont.
George T. Ingraham .....	Pitkin.	Frank L. Sizer .....	Leadville.
William A. Illsly .....	Leadville.	Jerome L. Stratton .....	Do.
James W. Johnson .....	Do.	Morritz Stoekdar .....	Lake City.
Norman T. Jenekes.....	Do.	F. P. Swindler.....	Crested Buttes.
Thomas W. Jaycox.....	Do.	Ellery Stowell .....	Leadville.
F. J. Kramer .....	Rico.	Robert W. Steele .....	Georgetown.
E. H. Kellogg.....	Crested Buttes.	Samuel J. Spray .....	Garfield.
James P. Kelly.....	Deeatur.	Frederiek Stanton .....	Leadville.
George E. Kedrie .....	Georgetown.	Winfield S. Smith .....	Webster.
Preston King .....	Breekinridge.	John A. Storm.....	Pitkin.
George H. King .....	Fairplay.	Philip H. Symons.....	Leadville.
Theo. H. Lowe .....	Leadville.	Edward J. Stoiber .....	Ruby City.
Bradford H. Loekc.....	Central.	A. S. Stuvor .....	Highland.
Fred. P. Lord .....	Cleora.	T. M. Trippe .....	Howardsville.
Arthur B. Litehfield.....	Leadville.	Henry W. Tureke .....	Leadville.
Almon C. Libby .....	Buena Vista.	George Taylor .....	Silver Cliff.
George W. Lloyd .....	Leadville.	James A. Todel .....	Leadville.
Frederick E. Lewis .....	Carbonateville.	John B. Tapseott .....	Pueblo.
Byron E. Lovejoy.....	Pitkin.	James Teal .....	Georgetown.
Lewis M. Lampton .....	Irwin.	Isaac C. Terry .....	Leadville.
Harry C. Lowry .....	Denver.	J. S. Titeomb .....	Boulder.
James P. Maxwell.....	Boulder.	Alfred Thielen.....	Leadville.
Fred. C. Moore .....	Fairplay.	Robert S. Towne .....	Do.
William Munroe .....	Silverton.	John A. B. Thompkins.....	Chihuahua.
Chas. W. Milburn.....	Leadville.	H. J. Van Wettering .....	Buena Vista.
George E. Marsh .....	Georgetown.	Carl Wulstein .....	Rosita.
W. H. McDonald.....	Breekinridge.	Chas. A. Wheeler .....	Ouray.
H. P. McDonald .....	Leadville.	W. R. Whipple .....	Alpine.
A. P. McNitt .....	Platteville.	Jno. F. Wannemaker.....	Rico.
James McDaniel.....	Leadville.	B. M. Whittemore.....	Silver Cliff.
Thomas H. McMichael .....	Do.	Thomas Withers.....	Kokomo.
Chas. P. McKenna.....	Ouray.	Chas. A. Walker .....	Breekinridge.
Wm. L. Marey .....	Leadville.	Warren C. Willets .....	Silver Cliff.
Thomas S. Moorhead .....	Do.	Chas. E. Walker .....	Poneha Springs.
James Murdoek .....	Silverton.	Robert R. Williams .....	Alpine.
Chas. J. Moore .....	Leadville.	B. Clark Wheeler .....	Leadville.
T. J. Milner .....	Do.	Thomas Weir.....	Do.
William McCree .....	Hayden Creek P.O.	Roy T. Wrigley .....	Do.
David G. Miller .....	Leadville.	James R. Wardlaw .....	Do.
Mareellus T. Morrill.....	Idaho Springs.		
Morris McFarland .....	Brown's Park, Uinta County, Utah.	AGRICULTURAL SURVEYORS.	
Henry D. Merriit .....	Chaffee.	A. W. Archibald .....	El Moro.
John B. Moore .....	Gothie City.	A. W. Brewster .....	Cañon.
William A. Maekey.....	Do.	Edward D. Bright .....	Trinidad.
Jesse F. McDonald .....	Leadville.	F. W. Beebe .....	Idaho.
N. B. Noland .....	Kokomo.	C. B. Dunbaugh .....	Denver.
Geo. W. Nyee .....	Leadville.	J. C. Eberhardt .....	Pueblo.
Geo. D. Nickel .....	Del Norte.	Albert Farmer .....	Denver.
Ralph Nichols .....	Leadville.	J. S. Faringer .....	Do.
John M. Odenheimer .....	Do.	Harvey P. Fry .....	Do.
Loring Olmsted .....	Ruby City.	Henry E. Fisher .....	Do.
Edward J. O'Connor .....	Do.	Henry Y. Harding .....	Fort Collins.
S. G. Patrick .....	Lake City.	Geo. H. Hill .....	Fort Lyons.
Jno. D. Peregrine.....	Central.	Benjamin K. Kimberly.....	Denver.
Wm. L. Peacocke.....	Silver Cliff.	James Lutterell .....	Alamosa.
Wm. B. Page .....	Leadville.	Isidor A. Lefevre .....	Pueblo.
Wm. S. Pratt .....	Pueblo.	W. R. McMurray .....	Weissport.
Geo. N. Propper .....	Mineral City.	Jacob H. Martz .....	Denver.
Richard A. Parker.....	Montezuma.	Thos. B. Meday .....	Elizabeth, N. J.
Howard Platt .....	Leadville.	D. C. Oakes .....	Denver.
Edward J. Parsons .....	Do.	E. B. Sopris .....	Trinidad.
H. W. Reed .....	Ouray.	Geo. Seheitz .....	Denver.
		C. Alex. Trease .....	Do.



H.—*Estimate for the surveying service for this surveying district for the fiscal year ending June 30, 1882.*

For salaries:	
For salary of surveyor general.....	\$3,000
For salary of chief clerk .....	1,800
For salary of draftsman .....	1,500
For salary of assistant draftsman .....	1,500
For salary of two transcribing clerks, at \$1,500 .....	3,000
<hr/>	
Total for salaries.....	10,800
Incidental expense:	
Rent of office, stationery, messenger, &c.....	3,000
For surveys:	
400 miles of standard lines, at \$16 .....	6,400
3,000 miles of exterior township lines, at \$14 .....	42,000
2,000 miles of section lines, at \$10 .....	20,000
1,000 miles of section lines, at \$6 .....	6,000
<hr/>	
Total for surveys.....	74,000

D.—*Report of the surveyor general of Dakota.*

SURVEYOR GENERAL'S OFFICE,  
Yankton, Dak., August 31, 1880.

SIR: In compliance with instructions contained in your circular letter of April 5, 1880, I have the honor to transmit herewith my annual report, in duplicate, of surveying operations in this district for the fiscal year ending June 30, 1880.

FIELD WORK.

Surveys were executed covering 222 miles 59 chains and 25 links of base and standard lines; 1,367 miles 24 chains and 8 links of township lines; 6,317 miles 5 chains and 80 links of section and meander lines; comprising an area of 2,395,693.13, making a total of 22,176,569.33 acres of surveyed land in the Territory, exclusive of Indian and military reservations, town sites, and mining claims.

There were 66 lode and 11 placer mining claims surveyed during the year.

ESTIMATES.

The estimates for the surveying service which I have made for the fiscal year ending June 30, 1882, I deem just and reasonable, considering the necessities of the service. The reasons given in former reports from this office in favor of previous estimates need not be gone over again; they are as potent now as then. The Territory is steadily and rapidly growing. Farmers are prospering. There are to-day three railroads built many miles in *advance* of the public surveys; everything moves to the front except these surveys, over which the people of the Territory have no control. I have the honor to refer to the following tabular statements for the details of the year's work.

Very respectfully, your obedient servant,

HENRY ESPERSEN,  
United States Surveyor General.

Hon. J. A. WILLIAMSON,  
Commissioner General Land Office, Washington, D. C.



A.—Statement showing extent and cost of public surveys completed, and contracts entered into, for the survey of public lands during the fiscal year ending June 30, 1880.

Number of contract.	Date.	Deputy.	Character and locality of work.	Base and standard lines.	Township lines.	Section and connecting lines.	Cost.	Payable out of—	Remarks.
178	July 25, 1878	E. H. Van Antwerp ..	Township 138 north, range 80 west, and township 140 north, range 81 west of the fifth principal meridian.	<i>M. chs. lks.</i> .....	<i>M. chs. lks.</i> .....	<i>M. chs. lks.</i> 25 70 87	\$155 31	Regular assignment for fiscal year ending June 30, 1879.	
183	Apr. 26, 1879	Higbee & Bates .....	The ninth standard parallel from range 83 to the line between ranges 88 and 89; the tenth standard parallel from range 83 to the twelfth guide meridian; twelfth guide meridian from the ninth to the tenth standard parallels. Exterior boundaries of townships 137, 138, 139, and 140 north, of ranges 84, 85, 86, and 87, and townships 137 and 138 north, of range 88, and subdivision of townships 137, 138, 139, and 140 north, of ranges 84, 85, 86, and townships 137 and 138 north, of range 87; all west of the fifth principal meridian.	78 17 30	167 77 06	844 43 28	7,025 15	Additional assignment made April 18, 1879.	
180	Apr. 21, 1879	George G. Beardsley..	The exterior boundaries of townships 157, 158, 159, and 160, ranges 53, 54, 55, and 56; townships 149, 150, 151, and 152, ranges 56, and townships 153, 154, 155, and 156, ranges 54, 55, and 56, and subdivision of townships 144 and 145 north, ranges 55, 56, and 57; townships 146, 147, and 148 north, range 56, and township 146 north, range 57; all west of the fifth principal meridian.	.....	336 02 59	609 37 77	6,056 01	Regular assignment for fiscal year ending June 30, 1880.	
181	Apr. 23, 1879	Charles Scott .....	In the Black Hills .....	144 41 95	191 65 25	914 72 61	9,175 16	.....do .....	



## A.—Statement showing extent and cost of public surveys completed, &amp;c.—Continued.

Number of contract.	Date.	Deputy.	Character and locality of work.	Base and standard lines.	Township lines.	Section and connecting lines.	Cost.	Payable out of—	Remarks.
182	Apr. 24, 1879	H. J. Anstin .....	The exterior boundaries of township 122 north, ranges 56 to 64 inclusive, and subdivision of township 122 north, ranges 58 to 64 inclusive, and townships 114, 115, 116, and 121 north, range 64; all west of the fifth principal meridian.	<i>M. chs. lks.</i> .....	<i>M. chs. lks.</i> 132 21 03	<i>M. chs. lks.</i> 668 44 28	\$4,937 16	Regular assignment for fiscal year ending June 30, 1880.	
184	Apr. 26, 1879	Thomas F. Marshall ..	The exterior boundaries of townships 123 and 124 north, ranges 56 to 64 inclusive, and subdivision of townships 123 and 124 north, ranges 60 to 64 inclusive; all west of the fifth principal meridian.	.....	150 00 43	603 69 69	4,673 27	.....do .....	
185	June 7, 1879	Live P. Drake .....	Subdivision of townships 137, 138, 139, and 140, range 74, and township 140 north, ranges 75, 76, 77, and 78; all west of the fifth principal meridian.	.....	.....	478 10 70	2,854 38	.....do .....	
186	May 26, 1879	E. H. Van Antwerp ....	Subdivision of township 136 north, range 53; township 135 north, range 55, and township 133 north, ranges 54, 56, 57, 58, 59, 60, and 61; all west of the fifth principal meridian, and exterior boundaries of township 133, ranges 60 and 61.	.....	23 79 48	540 31 73	3,410 33	.....do .....	
187	June 4, 1879	Beadle & Royem .....	The exterior boundaries of townships 133 to 136 north, ranges 62 to 67 inclusive, and townships 134, 135, and 136 north, ranges 60 and 61, and subdivision of townships 134 and 135 north, ranges 60 and 61; township 135 north, range 62, and township 136 north, ranges 61, 62, and 63; all west of the fifth principal meridian.	.....	245 42 78	487 53 29	4,644 74	.....do .....	
188	Sept. 26, 1879	George G. Beardsley ..	Subdivision of township 144 north, ranges 58, 59, 60, and 61 west.	.....	.....	240 22 22	1,441 66	.....do .....	



189	July 27, 1879	Thomas F. Marshall ..	The exterior boundaries of township 125 north, ranges 60 to 64 inclusive, and subdivision of township 125 north, ranges 61, 62, 63, and 64; all west of the fifth principal meridian.	60 07 61	240 45 70	1,864 09	.....do .....
190	Aug. 4, 1879	H. J. Austin.....	The exterior boundaries of townships 117, 118, 119, and 120 north, ranges 65 and 66, and subdivision of townships 117, 118, and 119 north, range 65; all west of the fifth principal meridian.	59 47 85	183 05 71	1,515 61	.....do .....
191	Aug. 25, 1879	George K. Dike .....	The subdivision of townships 157 and 158 north, ranges 53, 54, and 55, and township 159 north, ranges 54 and 55; all west of the fifth principal meridian.	.....	479 57 95	2,878 35	Special deposits.....
195	June 25, 1880	James E. Dike .....	The exterior boundaries of township 149 north, range 57, and subdivision of townships 149, 150, 151, and 155 north, range 56; townships 151 and 155 north, range 55, and townships 153 and 156, range 54; all west of the fifth principal meridian.	.....	.....	.....	Additional assignment of June 10, 1880.
196	June 21, 1880	H. J. Austin .....	The ninth standard parallel from the line between ranges 88 and 89 to the line between ranges 89 and 90; the tenth standard parallel through range 88. The exterior boundaries of townships 139 and 140 north, range 88, and townships 137, 138, and 139 north, range 89, and subdivision of townships 139 and 140 north, ranges 87 and 88; townships 137 and 138, range 88, and township 139 north, range 89; all west of the fifth principal meridian.	.....	.....	.....	do .....
Total .....				222 59 25	1,367 24 08	6,317 05 80	50,631 22

THE GENERAL LAND OFFICE.

HENRY ESPERSEN,  
United States Surveyor General.

UNITED STATES SURVEYOR GENERAL'S OFFICE,  
Yankton, Dak., September 1, 1880.



B.—A list of townships surveyed during the fiscal year ending June 30, 1880, with area of each, and showing date of transmission to local land offices.

Number.	Township.	Range.	Aeres.	Plats and descriptive lists transmitted.	Land office.
1	136 north..	53 west of fifth principal meridian..	22, 946. 88	Mar. 4, 1880	Fargo.
2	157 north..	.....do .....	23, 047. 98	Feb. 10, 1880	Do.
3	158 north..	.....do .....	23, 148. 75	Feb. 10, 1880	Do.
4	133 north..	54 west of fifth principal meridian..	23, 080. 70	Mar. 4, 1880	Do.
5	157 north..	.....do .....	23, 033. 08	Feb. 10, 1880	Do.
6	158 north..	.....do .....	23, 019. 42	Feb. 10, 1880	Do.
7	159 north..	.....do .....	22, 950. 27	Feb. 10, 1880	Do.
8	135 north..	55 west of fifth principal meridian..	23, 126. 03	Mar. 4, 1880	Do.
9	144 north..	.....do .....	22, 310. 52	Mar. 22, 1880	Do.
10	145 north..	.....do .....	23, 081. 55	Mar. 22, 1880	Do.
11	157 north..	.....do .....	23, 001. 88	Feb. 10, 1880	Do.
12	158 north..	.....do .....	22, 962. 93	Feb. 10, 1880	Do.
13	159 north..	.....do .....	22, 920. 84	Feb. 10, 1880	Do.
14	133 north..	56 west of fifth principal meridian..	22, 932. 59	Mar. 4, 1880	Do.
15	144 north..	.....do .....	22, 548. 31	Mar. 22, 1880	Do.
16	145 north..	.....do .....	23, 014. 54	Mar. 22, 1880	Do.
17	146 north..	.....do .....	23, 002. 60	Mar. 22, 1880	Do.
18	147 north..	.....do .....	22, 982. 03	Mar. 22, 1880	Do.
19	148 north..	.....do .....	22, 653. 18	Mar. 22, 1880	Do.
20	133 north..	57 west of fifth principal meridian..	22, 934. 77	Mar. 4, 1880	Do.
21	144 north..	.....do .....	22, 285. 05	Mar. 22, 1880	Do.
22	145 north..	.....do .....	23, 033. 42	Mar. 22, 1880	Do.
23	146 north..	.....do .....	23, 008. 15	Mar. 22, 1880	Do.
24	122 north..	58 west of fifth principal meridian..	23, 029. 61	Mar. 4, 1880	Do.
25	133 north..	.....do .....	23, 049. 44	Mar. 4, 1880	Do.
26	144 north..	.....do .....	22, 611. 76	Mar. 22, 1880	Do.
27	122 north..	59 west of fifth principal meridian..	23, 048. 16	Mar. 4, 1880	Do.
28	133 north..	.....do .....	23, 079. 19	Mar. 4, 1880	Do.
29	144 north..	.....do .....	22, 476. 69	Mar. 22, 1880	Do.
30	122 north..	60 west of fifth principal meridian..	23, 041. 80	Mar. 4, 1880	Do.
31	123 north..	.....do .....	23, 044. 31	Mar. 4, 1880	Do.
32	124 north..	.....do .....	22, 963. 10	Mar. 4, 1880	Do.
33	133 north..	.....do .....	23, 013. 24	Mar. 4, 1880	Do.
34	134 north..	.....do .....	22, 497. 45	Mar. 4, 1880	Do.
35	135 north..	.....do .....	22, 992. 85	Mar. 4, 1880	Do.
36	144 north..	.....do .....	22, 242. 45	July 29, 1880	Do.
37	122 north..	61 west of fifth principal meridian..	23, 042. 75	Mar. 4, 1880	Do.
38	123 north..	.....do .....	23, 030. 74	Mar. 4, 1880	Do.
39	124 north..	.....do .....	23, 111. 27	Mar. 4, 1880	Do.
40	125 north..	.....do .....	23, 117. 04	Mar. 4, 1880	Do.
41	133 north..	.....do .....	22, 997. 63	Mar. 4, 1880	Do.
42	134 north..	.....do .....	22, 977. 25	Mar. 4, 1880	Do.
43	135 north..	.....do .....	22, 966. 20	Mar. 4, 1880	Do.
44	136 north..	.....do .....	22, 955. 84	Mar. 4, 1880	Do.
45	144 north..	.....do .....	22, 530. 63	July 29, 1880	Do.
46	122 north..	62 west of fifth principal meridian..	23, 211. 56	Mar. 4, 1880	Do.
47	123 north..	.....do .....	23, 255. 54	Mar. 4, 1880	Do.
48	124 north..	.....do .....	23, 209. 92	Mar. 4, 1880	Do.
49	125 north..	.....do .....	23, 110. 39	Mar. 4, 1880	Do.
50	135 north..	.....do .....	23, 130. 85	Mar. 4, 1880	Do.
51	136 north..	.....do .....	23, 092. 21	Mar. 4, 1880	Do.
52	122 north..	63 west of fifth principal meridian..	23, 094. 45	Mar. 4, 1880	Do.
53	123 north..	.....do .....	23, 052. 31	Mar. 4, 1880	Do.
54	124 north..	.....do .....	23, 000. 52	Mar. 4, 1880	Do.
55	125 north..	.....do .....	23, 083. 25	Mar. 4, 1880	Do.
56	136 north..	.....do .....	22, 993. 79	Mar. 4, 1880	Do.
57	114 north..	64 west of fifth principal meridian..	22, 964. 13	Feb. 17, 1880	Springfield.
58	115 north..	.....do .....	22, 333. 95	Feb. 17, 1880	Do.
59	116 north..	.....do .....	24, 011. 61	Feb. 17, 1880	Do.
60	121 north..	.....do .....	23, 129. 82	Mar. 4, 1880	Fargo.
61	122 north..	.....do .....	22, 988. 43	Mar. 4, 1880	Do.
62	123 north..	.....do .....	23, 098. 21	Mar. 4, 1880	Do.
63	124 north..	.....do .....	23, 098. 04	Mar. 4, 1880	Do.
64	125 north..	.....do .....	23, 098. 23	Mar. 4, 1880	Do.
65	117 north..	65 west of fifth principal meridian..	23, 075. 54	Feb. 17, 1880	Do.
66	118 north..	.....do .....	22, 001. 62	Feb. 17, 1880	Do.
67	119 north..	.....do .....	22, 830. 81	Feb. 17, 1880	Do.
68	137 north..	74 west of fifth principal meridian..	22, 640. 06	Mar. 16, 1880	Bismarek.
69	138 north..	.....do .....	16, 638. 00	Mar. 16, 1880	Do.
70	139 north..	.....do .....	23, 006. 67	Mar. 16, 1880	Do.
71	140 north..	.....do .....	23, 106. 10	Mar. 16, 1880	Do.
72	140 north..	75 west of fifth principal meridian..	22, 935. 30	Mar. 16, 1880	Do.
73	140 north..	76 west of fifth principal meridian..	23, 037. 57	Mar. 16, 1880	Do.
74	140 north..	77 west of fifth principal meridian..	23, 001. 32	Mar. 16, 1880	Do.
75	140 north..	78 west of fifth principal meridian..	23, 019. 34	Mar. 16, 1880	Do.
76	138 north..	80 west of fifth principal meridian..	205. 35	Feb. 12, 1880	Do.
77	140 north..	81 west of fifth principal meridian..	8, 753. 52	Feb. 12, 1880	Do.



B.—A list of townships surveyed during the fiscal year ending June 30, 1880, &c.—Cont'd.

Number.	Township.	Range.	Acres.	Plats and descriptive lists transmitted.	Land office.
78	137 north..	84 west of fifth principal meridian..	23, 072. 15	Mar. 16, 1880	Bismarek.
79	138 north..	do .....	22, 891. 69	Mar. 16, 1880	Do.
80	139 north..	do .....	22, 896. 79	Mar. 16, 1880	Do.
81	140 north..	do .....	23, 696. 49	Mar. 16, 1880	Do.
82	137 north..	85 west of fifth principal meridian..	23, 103. 35	Mar. 16, 1880	Do.
83	138 north..	do .....	23, 029. 00	Mar. 16, 1880	Do.
84	139 north..	do .....	22, 908. 00	Mar. 16, 1880	Do.
85	140 north..	do .....	23, 813. 19	Mar. 16, 1880	Do.
86	137 north..	86 west of fifth principal meridian..	22, 993. 62	Mar. 16, 1880	Do.
87	138 north..	do .....	22, 900. 71	Mar. 16, 1880	Do.
88	139 north..	do .....	22, 886. 41	Mar. 16, 1880	Do.
89	140 north..	do .....	23, 660. 70	Mar. 16, 1880	Do.
90	137 north..	87 west of fifth principal meridian..	22, 951. 58	Mar. 16, 1880	Do.
91	138 north..	do .....	22, 713. 35	Mar. 16, 1880	Do.
92	7 north..	1 east of Black Hills meridian .....	23, 686. 55	Mar. 22, 1880	Deadwood.
93	7 north..	3 east of Black Hills meridian .....	22, 878. 66	Mar. 22, 1880	Do.
94	8 north..	do .....	22, 725. 63	Mar. 22, 1880	Do.
95	9 north..	do .....	23, 017. 74	Mar. 22, 1880	Do.
96	5 north..	4 east of Black Hills meridian .....	23, 011. 56	Feb. 12, 1880	Do.
97	7 north..	do .....	22, 883. 21	Mar. 22, 1880	Do.
98	8 north..	do .....	22, 810. 84	Mar. 22, 1880	Do.
99	6 north..	5 east of Black Hills meridian .....	20, 796. 68	Feb. 12, 1880	Do.
100	7 north..	do .....	22, 938. 22	Mar. 22, 1880	Do.
101	8 north..	do .....	22, 733. 03	Feb. 12, 1880	Do.
102	5 north..	6 east of Black Hills meridian .....	23, 005. 21	Feb. 12, 1880	Do.
103	6 north..	do .....	22, 204. 30	Mar. 22, 1880	Do.
104	1 north..	7 east of Black Hills meridian .....	6, 737. 72	Feb. 12, 1880	Do.
105	2 north..	do .....	22, 682. 21	Feb. 12, 1880	Do.
106	6 north..	do .....	22, 987. 01	Feb. 12, 1880	Do.
107	2 north..	8 east of Black Hills meridian .....	23, 024. 25	Feb. 12, 1880	Do.
Total .....			2, 395, 693. 13		

RECAPITULATION.

Total number of acres surveyed in fiscal year ending June 30, 1880 .....	2, 395, 693. 13
961 townships previously surveyed and reported .....	19, 780, 876. 20
Total number of acres surveyed .....	22, 176, 569. 33

HENRY ESPERSEN,  
United States Surveyor General.

UNITED STATES SURVEYOR GENERAL'S OFFICE,  
Yankton, Dak., September 1, 1880.



C.—Statement showing condition of appropriation for survey of public lands in Dakota for fiscal year ending June 30, 1880.

DR.				CR.		
No. of con- tract.	Date of ac- count.	Contractors.	Amount.	Date.	Appropriation.	Amount.
180	Aug. 1, 1879	George G. Beardsley .....	\$1, 177 01	Apr. 15, 1879	By amount assigned to Dakota for survey of public lands for the fiscal year ending June 30, 1880.....	\$40, 000 00
180	Aug. 25, 1879	.....do .....	1, 223 95	June 10, 1880		
180	Nov. 3, 1879	.....do .....	1, 441 62		By additional assignment.....	
180	Dec. 24, 1879	.....do .....	1, 080 41			
180	Mar. 1, 1880	.....do .....	1, 133 02			
181	Nov. 15, 1879	Charles Seott.....	3, 036 45			
181	Dec. 20, 1879	.....do .....	2, 873 55			
181	Feb. 10, 1880	.....do .....	3, 265 16			
182	July 10, 1879	Horace J. Austin.....	1, 987 41			
182	Sept. 15, 1879	.....do .....	2, 949 75			
184	Oct. 15, 1879	Thomas F. Marshall.....	4, 673 27			
185	Jan. 10, 1880	Levi P. Drake.....	2, 854 38			
186	July 22, 1879	Edwin H. Van Antwerp.....	1, 084 85			
186	Sept. 3, 1879	.....do .....	2, 325 48			
187	Oct. 1, 1879	Beadle & Royem.....	2, 164 98			
187	Jan. 16, 1880	.....do .....	2, 479 76			
188	Mar. 1, 1880	George G. Beardsley .....	726 21			
188	July 13, 1880	.....do .....	715 45			
189	Nov. 30, 1879	Thomas F. Marshall.....	1, 864 09			
190	Nov. 17, 1879	Horace J. Austin.....	1, 515 61			
		Unexpended balance .....	5, 427 59			
		Total .....	46, 000 00		Total .....	46, 000 00

UNITED STATES SURVEYOR GENERAL'S OFFICE,  
Yankton, Dak., September 1, 1880.

HENRY ESPERSEN,  
United States Surveyor General.



D.—Statement of the condition of fund created by special deposits for survey of public lands, and office work in connection therewith, for fiscal year ending  
June 30, 1880.

DR.					CR.			
Date.	Name of depositor.	For the survey of—	For office work.	For field work.	Date.	Amounts drawn.	For office work.	For field work.
Aug. 7, 1879	E. S. Sturtevant...	Township 157 north, range 53 west.....		\$300 00	Jan. 24, 1880	By George K. Dike, for subdivision of townships 157 and 158 north, range 53 west, and townships 157, 158, and 159 north, ranges 54 and 55 west.		\$2, 878 35
Aug. 7, 1879	.....do .....	Township 158 north, range 53 west.....		200 00				
Aug. 7, 1879	.....do .....	Township 157 north, range 54 west.....		160 00				
Aug. 7, 1879	.....do .....	Township 158 north, range 54 west.....		300 00				
Aug. 7, 1879	.....do .....	Township 159 north, range 54 west.....		300 00	Jan. 24, 1880	By Thomas F. Marshall, for meandering the south bank of American Creek through township 104 north, range 71 west.		30 00
Aug. 7, 1879	.....do .....	Township 157 north, range 55 west.....		160 00				
Aug. 7, 1879	.....do .....	Township 158 north, range 55 west.....		300 00				
Aug. 7, 1879	.....do .....	Township 159 north, range 55 west.....		260 00				
Aug. 7, 1879	Wm. McDonald...	Township 157 north, range 53 west.....		60 00	Jan. 31, 1880	By amount paid for clerical work.....	\$200 00	
Aug. 7, 1879	.....do .....	Township 158 north, range 53 west.....		160 00		Unexpended balances.....	50 00	221 65
Aug. 7, 1879	.....do .....	Township 157 north, range 54 west.....		200 00				
Aug. 7, 1879	.....do .....	Township 158 north, range 54 west.....		60 00				
Aug. 7, 1879	.....do .....	Township 159 north, range 54 west.....		60 00				
Aug. 7, 1879	.....do .....	Township 157 north, range 55 west.....		200 00				
Aug. 7, 1879	.....do .....	Township 158 north, range 55 west.....		60 00				
Aug. 7, 1879	.....do .....	Township 159 north, range 55 west.....		100 00				
Aug. 7, 1879	Geo. K. Dike.....	Townships 157 and 158 north, range 53 west, and townships 157, 158, and 159 north, ranges 54 and 55 west.	\$200 00					
Oct. 13, 1879	Martin McCullom.	Unsurveyed portion of township 164 north, range 52 west.	10 00	20 00				
Dec. 3, 1879	Clark S. Rowe....	Meandering south bank of American Creek, through township 104 north, range 71 west.	10 00	30 00				
Jan. 4, 1880	J. P. Thompson...	The exterior boundaries of Custer City.	30 00	200 00				
			250 00	3, 130 00				
							250 00	3, 130 00

UNITED STATES SURVEYOR GENERAL'S OFFICE,  
Yankton, Dak., September 1, 1880.

HENRY ESPERSEN,  
United States Surveyor General.



E.—Statement showing amount of salaries paid surveyor general and clerks from the regular appropriation during the fiscal year ending June 30, 1880.

DR.			CR.		
Sept. 30, 1879	To salaries for first quarter .....	\$1, 525 00	Apr. 15, 1879	By appropriation .....	\$6, 500 00
Dec. 31, 1879	To salaries for second quarter .....	1, 700 25			
Mar. 31, 1880	To salaries for third quarter .....	1, 749 75			
June 30, 1880	To salaries for fourth quarter .....	1, 524 49			
	To amount refunded to United States Treasurer .....	51			
		6, 500 00			6, 500 00

UNITED STATES SURVEYOR GENERAL'S OFFICE,  
Yankton, Dak., September 1, 1880.

HENRY ESPERSEN,  
United States Surveyor General.

F.—Statement showing amount expended for fuel, stationery, rent of office, pay of messenger, and other incidental expenses, during the fiscal year ending June 30, 1880.

DR.			CR.		
Sept. 30, 1879	To expenses for first quarter.....	\$375 00	Apr. 15, 1879	By appropriation .....	\$1, 500 00
Dec. 31, 1879	To expenses for second quarter.....	525 00	June 30, 1880	By deficiency .....	04
Mar. 31, 1880	To expenses for third quarter.....	300 00			
June 30, 1880	To expenses for fourth quarter .....	300 04			
		<hr/> 1, 500 04			<hr/> 1, 500 04

UNITED STATES SURVEYOR GENERAL'S OFFICE,  
Yankton, Dak., September 1, 1880.

HENRY ESPERSEN,  
United States Surveyor General.



G.—Statement showing the condition of mining surveys and special deposits for office work in connection therewith at the close of the fiscal year ending June 30, 1880.

Number of survey.	Name of mine.	Where located.		Name of claimant.	Amount of deposit.	Name of surveyor.	Survey ordered.	Plat and field notes returned.	Surveys approved.	Remarks.
		District.	County.							
181	Perhaps lode.....	Whitewood...	Lawrence...	Robert D. Kelly <i>et al.</i> .....	\$30	J. D. McIntyre..	July 1, 1879	Sept. 4, 1879	Dec. 4, 1879	Plats, &c., transmitted to land office.
182	Portland lode.....	Bald Mountain	do .....	A. L. Ankney and A. M. Overman.	30	W. A. Hendrickson.	July 1, 1879	.....	.....	Not returned.
183	Buckeye lode .....	Bear Butte ...	do .....	E. G. Dudley <i>et al.</i> .....	30	Wm. L. Smith ..	July 9, 1879	July 26, 1879	Aug. 12, 1879	Plats, &c., transmitted to land office.
184	Clermont lode .....	do .....	do .....	Howard A. Baker <i>et al.</i> .....	30	P. L. Rogers ....	July 11, 1879	Aug. 22, 1879	Oct. 31, 1879	Do.
185	George Washington lode.	Whitewood...	do .....	John Flaherty, D. McLaughlin, <i>et al.</i>	30	H. C. Rohleder..	July 14, 1879	Nov. 28, 1879	Jan. 15, 1880	Do.
186	Golden Star lode....	do .....	do .....	Homestake Mining Company.	30	J. D. McIntyre..	Aug. 7, 1880	Nov. 22, 1879	Dec. 3, 1879	Do.
187	Grant lode.....	do .....	do .....	Frank Welch <i>et al.</i> .....	30	do .....	Aug. 19, 1879	Sept. 13, 1879	Dec. 5, 1879	Do.
188	Rattlesnake Jack lode.	Bear Butte ...	do .....	C. W. Carpenter .....	30	H. C. Rohleder..	Aug. 22, 1879	Nov. 22, 1879	Jan. 7, 1880	Do.
189	Center Fraction lode	do .....	do .....	C. W. Carpenter and William Selbie.	30	do .....	Aug. 22, 1879	Nov. 22, 1879	Jan. 7, 1880	Do.
190	Austin lode.....	Rochford .....	do .....	Mahlon H. Brown <i>et al.</i> .....	30	Wm. L. Smith ..	Aug. 26, 1879	.....	.....	Not returned.
191	Minnesota lode .....	do .....	do .....	Alexander A. Chisholm <i>et al.</i>	30	E. W. von Bodungen.	Sept. 5, 1879	Dec. 9, 1879	Feb. 10, 1880	Plats, &c., transmitted to land office.
192	A, King Solomon lode, and B, mill site.	Newton Forks	Pennington	Nathan Strong.....	30	A. H. Baldwin ..	Sept. 9, 1879	Nov. 12, 1879	Dec. 31, 1879	Do.
193	Yellow Jacket No. 2 lode.	Bear Butte ...	Lawrence...	Frank Welch and Edwin R. Collins.	30	Charles Scott...	Sept. 9, 1879	Mar. 22, 1880	Apr. 10, 1880	Do.
194	Grand Junction lode	Custer.....	Custer.....	C. C. Crary, F. T. Powers, <i>et al.</i>	30	F. W. von Bodungen.	Sept. 12, 1879	Oct. 23, 1878	Nov. 10, 1879	Do.
195	Decorah lode .....	Whitewood...	Lawrence...	George N. Halway <i>et al.</i> ....	30	W. A. Hendrickson.	Sept. 18, 1879	Oct. 2, 1879	Oct. 8, 1879	Do.
196	Hartford lode.....	Custer.....	Custer.....	Dennis McGuire and T. C. Brady.	30	F. W. von Bodungen.	Oct. 14, 1879	Nov. 1, 1879	Nov. 11, 1879	Do.
197	Pocahontas lode ....	Whitewood...	Lawrence...	Golden Terra Mining Company.	30	J. D. McIntyre..	Oct. 21, 1879	Nov. 22, 1879	Nov. 29, 1879	Do.
198	Cornucopia lode .....	do .....	do .....	William Terhune <i>et al.</i> .....	30	R. H. Kello .....	Nov. 1, 1879	Dec. 19, 1879	Feb. 21, 1880	Do.
199	Virginia lode .....	Rochford .....	Pennington	Evan Evans <i>et al.</i> .....	30	E. E. Fine.....	Nov. 5, 1879	.....	.....	Not returned.
200	Charter Oak lode .....	do .....	do .....	do .....	30	do .....	Nov. 5, 1879	.....	.....	Do.
201	Little Nettie lode...	Whitewood...	Lawrence...	Samuel McMaster .....	30	J. D. McIntyre..	Nov. 5, 1879	Nov. 26, 1879	Dec. 8, 1879	Plats, &c., transmitted to land office.
202	Monroe lode .....	do .....	do .....	E. M. Allen <i>et al.</i> .....	30	do .....	Nov. 12, 1879	Dec. 13, 1879	Feb. 13, 1880	Do.
203	Royal Bengal Tiger lode.	Newton Forks	Pennington.	J. T. Gilmer .....	30	Richard Blackstone.	Nov. 17, 1879	.....	.....	Not returned.



G.—Statement showing the condition of mining surveys and special deposits for office work in connection therewith, &c.—Continued.

Number of survey.	Name of mine.	Where located.		Name of claimant.	Amount of deposit.	Name of surveyor.	Survey ordered.	Plat and field notes returned.	Surveys approved.	Remarks.
		District.	County.							
204	Evening Star lode ..	Whitewood...	Lawrence...	Van Cise & Wilson .....	\$30	R. H. Kello .....	Nov. 21, 1879	Jan. 22, 1880	Feb. 23, 1880	Plats, &c., transmitted to land office.
205	Mountain Rose lode ..	do .....	do .....	George Williams and Benjamin B. Holcomb.	30	Zac. T. Duvall ..	Nov. 29, 1879	Dec. 13, 1879	Jan. 23, 1880	
206	Placer claim .....	do .....	do .....	Ira Ford and Frank Vacker.	30	P. L. Rogers .....	Nov. 29, 1879	May 19, 1880	May 25, 1880	Do.
207	do .....	do .....	do .....	J. D. McIntyre .....	30	A. H. Baldwin ..	Dec. 8, 1879	Dec. 23, 1879	June 22, 1880	Do.
208	Gov'r Morton lode ..	do .....	do .....	Andrew Wallace .....	30	R. H. Kello .....	Dec. 23, 1879	Jan. 17, 1880	Jan. 31, 1880	Do.
209	Greenback lode .....	do .....	do .....	George E. Brettell .....	30	P. L. Rogers .....	Dec. 24, 1879	Jan. 31, 1880	Apr. 8, 1880	Do.
210	Moro lode .....	Rochford .....	Pennington.	Moro and Como Gold Mining Company.	30	E. E. Fine .....	Jan. 6, 1880	May 1, 1880	May 27, 1880	Do.
211	Como lode .....	do .....	do .....	do .....	30	do .....	Jan. 6, 1880	May 1, 1880	May 27, 1880	Do.
212	Old Stand-by lode ..	do .....	do .....	Stand-by Gold Mining Company.	30	Richard Blackstone.	Jan. 7, 1880	Mar. 19, 1880	Apr. 3, 1880	Do.
213	Continental lode .....	do .....	do .....	do .....	30	do .....	Jan. 7, 1880	Mar. 19, 1880	Apr. 3, 1880	Do.
214	Flagstaff lode .....	Bear Butte .....	Lawrence...	John Flaherty <i>et al</i> .....	30	H. C. Rohleder ..	Jan. 9, 1880	Mar. 24, 1880	Apr. 19, 1880	Do.
215	N. seg. Alaska lode ..	Whitewood .....	do .....	Colman W. Watson <i>et al</i> ..	30	Zac. T. Duvall ..	Jan. 15, 1880	Jan. 31, 1880	Feb. 12, 1880	Do.
216	Placer claim .....	do .....	do .....	Levi F. Field <i>et al</i> .....	30	do .....	Jan. 15, 1880	Apr. 17, 1880	Apr. 23, 1880	Do.
217	Sunrise lode .....	Gordon .....	do .....	Samuel McMaster .....	30	J. D. McIntyre ..	Jan. 26, 1880	Mar. 12, 1880	Mar. 20, 1880	Do.
218	Little Giant lode .....	Bea Butte .....	do .....	Little Giant Gold Mining Company.	30	P. L. Rogers .....	Mar. 16, 1880	June 8, 1880	June 25, 1880	Do.
219	Stage lode .....	do .....	do .....	Stage Gold Mining Company.	30	do .....	Mar. 16, 1880	June 8, 1880	.....	Not approved.
220	Ratler lode .....	Whitewood .....	do .....	Francis Riggs .....	30	Zac. T. Duvall ..	Feb. 4, 1880	Feb. 24, 1880	Mar. 18, 1880	Plats, &c., transmitted to land office.
221	Chief of the Hills No. 2 lode.	do .....	do .....	do .....	30	do .....	Feb. 4, 1880	Feb. 24, 1880	Mar. 18, 1880	
222	General Custer lode ..	do .....	do .....	Henry Robinson <i>et al</i> .....	30	Wm. L. Smith ..	Feb. 17, 1880	May 1, 1880	May 5, 1880	Do.
223	Luella Carrie lode ..	do .....	do .....	Myer Gottstein <i>et al</i> .....	30	R. H. Kello .....	Feb. 17, 1880	Mar. 9, 1880	Mar. 27, 1880	Do.
224	General Ellison lode ..	Gordon .....	do .....	Samuel McMaster .....	30	J. D. McIntyre ..	Feb. 13, 1880	June 7, 1880	June 10, 1880	Do.
225	Pea Warmer lode .....	Whitewood .....	do .....	Hiram B. Young <i>et al</i> .....	30	Zac. T. Duvall ..	Feb. 18, 1880	Mar. 5, 1880	Mar. 24, 1880	Do.
226	Esmoraldo lode .....	do .....	do .....	Jabez Chase <i>et al</i> .....	30	H. C. Rohleder ..	Feb. 23, 1880	May 1, 1880	May 14, 1880	Do.
227	Franklin lode .....	do .....	do .....	Angus McMasters <i>et al</i> ..	30	do .....	Feb. 26, 1880	Apr. 6, 1880	Apr. 23, 1880	Do.
228	Florence lode .....	Rockford .....	do .....	John S. Phelps <i>et al</i> .....	30	E. E. Fine .....	Feb. 26, 1880	May 1, 1880	May 29, 1880	Do.
229	N. seg. 150 ft., Homestake lode.	Whitewood .....	do .....	J. B. Haggin .....	30	J. D. McIntyre ..	Mar. 9, 1880	May 31, 1880	June 7, 1880	Do.
230	N. seg. 150 feet, Golden Star lode.	do .....	do .....	do .....	30	do .....	Mar. 9, 1880	May 31, 1880	June 7, 1880	Do.
231	Excelsior lode .....	Gordon .....	do .....	Orange J. Salisbury <i>et al</i> ..	30	do .....	Mar. 10, 1880	May 25, 1880	May 31, 1880	Do.
232	Golden Prospect lode ..	Whitewood .....	do .....	Highland Mining Company.	30	do .....	Mar. 10, 1880	June 7, 1880	June 12, 1880	Do.



233	Golden Star No. 2 lode.	do	do	Samuel McMaster	30	do	Mar. 16, 1880	May 11, 1880	May 22, 1880	Do.
234	Clara Nevada lode	do	do	do	30	do	Mar. 16, 1880	June 8, 1880	June 16, 1880	Do.
235	Evanston lode	do	do	Peter W. Savage	30	do	Mar. 16, 1880	May 5, 1880	May 10, 1880	Do.
236	Placer claim	do	do	do	30	H. C. Rohleder	Mar. 19, 1880	June 22, 1880	July 28, 1880	Do.
237	do	do	do	Elisha Riggs	30	do	Mar. 19, 1880	June 22, 1880	July 17, 1880	Do.
238	Northern Pacific lode	do	do	do	30	do	Mar. 23, 1880	Apr. 20, 1880	Apr. 26, 1880	Do.
239	Morning Star lode	do	do	do	30	do	Mar. 23, 1880	Apr. 20, 1880	Apr. 26, 1880	Do.
240	Rosebud lode	do	do	do	30	do	Mar. 24, 1880	Apr. 20, 1880	May 3, 1880	Do.
241	Placer claim	do	do	William M. Pratt <i>et al</i>	30	do	Mar. 24, 1880	May 1, 1880	May 8, 1880	Do.
242	do	do	do	John McAleer	30	do	Mar. 25, 1880	May 1, 1880	May 8, 1880	Do.
243	Cashier lode	do	do	Cashier Mining Company	30	J. D. McIntyre	May 26, 1880			Not returned.
244	Placer claim	Ruby and Confederate.	Pennington	Fort Meade Hydraulic Gold Mining Company.	30	H. C. Rohleder	Apr. 4, 1880	June 22, 1880	July 24, 1880	Plats, &c., transmitted to land office.
245	do	Confederate	do	do	30	do	Apr. 4, 1880	June 22, 1880	July 24, 1880	Do.
246	Echo lode	Whitewood	Lawrence	Francis Riggs	30	do	Apr. 12, 1880	May 1, 1880	May 12, 1880	Do.
247	Bell lode	Gordon	do	Jonas Gise <i>et al</i>	30	P. L. Rogers	Apr. 15, 1880	June 28, 1880	July 29, 1880	Do.
248	Saint Joseph lode	Whitewood	do	Martin Sand <i>et al</i>	30	do	Apr. 21, 1880	May 19, 1880	May 22, 1880	Do.
249	Last Chance No. 3 lode.	do	do	do	30	do	Apr. 21, 1880	May 19, 1880	May 22, 1880	Do.
250	May Belle lode	do	do	Erasmus Deffebach <i>et al</i>	30	H. C. Rohleder	Apr. 24, 1880	June 22, 1880	July 19, 1880	Do.
251	Flora Belle lode	do	do	Great Eastern Gold Mining Company.	30	R. H. Kello	May 17, 1880	June 7, 1880	June 14, 1880	Do.
252	Placer claim	Lost	do	James Carney <i>et al</i>	30	do	June 1, 1880	June 17, 1880	July 15, 1880	Do.
253	A, Old Sanson lode, and B, mill-site.	Custer	Custer	Svolder Mining Company.	30	F. W. von Boddungen.	June 8, 1880	July 23, 1880	Aug. 14, 1880	Do.
254	Little Nell lode	Whitewood	Lawrence	C. L. Coder <i>et al</i>	30	Hector Bruce	June 8, 1880			Not returned.
255	Placer claim	Lost	do	Peter S. Tetreault	30	P. L. Rogers	June 29, 1880	July 28, 1880	Aug. 17, 1880	Plats, &c., transmitted to land office.
256	Reno lode	Whitewood	do	John Elliott	30	R. H. Kello	June 29, 1880			Not returned.
257	High lode	do	do	do	30	do	June 29, 1880			Do.

NOTE.—Surveys Nos. 147, 168, 169, 170, 171, 172, 173, 176, and 180, reported as uncompleted in my report for fiscal year ending June 30, 1879, have been completed during the fiscal year ending June 30, 1880.

UNITED STATES SURVEYOR GENERAL'S OFFICE,  
Yankton, Dak., August —, 1880.

HENRY ESPERSEN,  
United States Surveyor General for Dakota.



H.—Statement showing the condition of the fund created by special deposits in connection with the survey of mining claims for the fiscal year ending June 30, 1880.

DR.			CR.		
1879. Sept. 30	To salaries for mineral clerks, first quarter.....	\$390 00	1879. July 1	By balance .....	\$732 00
Dec. 31	To salaries for mineral clerks, second quarter.....	385 00	1880. June 30	By special deposits during fiscal year.....	2,340 00
1880. Mar. 31	To salaries for mineral clerks, third quarter.....	390 00			
June 30	To salaries for mineral clerks, fourth quarter .....	558 00			
June 30	To incidental expenses .....	249 96			
June 30	To unexpended balance.....	1,099 04			
	Total.....	3,072 00			3,072 00

HENRY ESPERSEN,  
United States Surveyor General.

UNITED STATES SURVEYOR GENERAL'S OFFICE,  
Yankton, Dak., September 1, 1880.

I.—Estimates of appropriations required for continuing the public surveys in Dakota, for salary of surveyor general and pay of clerks in his office, as per act of Congress March 2, 1861, and for incidental expenses of the office for the fiscal year ending June 30, 1882.

SURVEYS.

Standard lines .....	\$7,968 00
Township lines .....	20,000 00
Subdivision lines.....	120,000 00
Total.....	147,968 00

SALARIES AND INCIDENTAL EXPENSES.

Salary of surveyor general .....	\$2,500 00
Pay of clerks in office .....	9,500 00
Rent and incidental expenses .....	2,700 00
Total.....	14,700 00

HENRY ESPERSEN,  
United States Surveyor General.

UNITED STATES SURVEYOR GENERAL'S OFFICE,  
Yankton, Dak., September 1, 1880.

E.—Report of the surveyor general of Florida.

UNITED STATES SURVEYOR GENERAL'S OFFICE,  
DISTRICT OF FLORIDA,  
Tallahassee, Fla., September 4, 1880.

SIR: In compliance with instructions contained in your circular letter of April 5, 1880, I have the honor to transmit in duplicate, herewith, my annual report of surveying operations in this district for the fiscal year ending June 30, 1880, together with the usual tabular statements, as follows, viz:

- A.—Statement of contracts entered into during the fiscal year.
- B.—Statement showing the present condition of contracts not closed at the date of my last annual report.
- C.—List of township plats furnished the general and district land-offices during the fiscal year.
- D.—Statement of descriptive lists of corners, soil, &c., prepared and transmitted to the district land-office during the year.



E.—Statement of appropriation for salaries of the surveyor general of Florida and the clerks for the fiscal year.

F.—Statement of contingent fund.

G.—Estimates of office expenses during the year ending June 30, 1882.

H.—Statement of persons employed in the surveyor general's office of Florida during the year ending June 30, 1880.

No public lands have been surveyed during the year. The low rate fixed by the last Congress, and the distance of the surveyable land from the base of supplies, rendered it difficult to make contracts with competent and experienced surveyors.

The labor of the office has, however, been well employed in getting up the arrears of work and in arranging the large accumulation of public papers with some order and system. The present allowance for office work will be largely expended in the same direction.

I find that the register lacked on June 30, 1880, the descriptive lists of 1,225 townships, and also large numbers of township maps. This work is being rapidly done, and I desire also, with your approval, shortly to commence an examination and classification of the Spanish archives, and a digest at least of such as affect the titles to lands.

I had the honor to transmit for your approval May 25 and June 10, 1880, contracts for the survey of lands in South Florida. You advised me that, owing to the lateness of the season and the character of the soil covered by late surveys in this section, you withheld your approval, but that they might be considered later. I am advised that the section covered by these contracts embraces a large body of fine, rich hammock, and when I shall have obtained more information upon this point I shall ask again your consideration for these surveys.

All lands fit for agriculture in Florida should be immediately surveyed and this office discontinued. Should the surveys yet to be made develop other land which ought to be surveyed, I shall ask leave to submit a supplemental estimate for that purpose.

There is no part of the State which may be considered as in advance of settlement, or that will not soon be taken up by the tide of immigration, so strongly and steadily flowing in this direction. The peninsula of Florida is almost precisely in area that of the peninsula of Italy, and, like that, could easily sustain a population of 12,000,000 people. All the tropical fruits flourish within her borders, and, as is usually the case, attain their greatest perfection near their northernmost limit of production.

The culture of the orange is assuming vast proportions, and offers large and certain profits to the producer; and within five years their transportation will call for special fast trains, and severely tax the resources of our freight lines. Lemons of large size and excellent quality are being raised with success, and will soon form an important item in our exports.

Before the late war, a committee of the legislature of Florida, composed of William D. Loring, James H. Randolph, H. H. Phillips, F. E. De La Rua, and John P. Baldwin, designated in a report a "Schedule of products to be raised" of the several tropical and semi-tropical fruits, and other products which would mature, and be remunerative on the peninsula of Florida. This "Schedule of products to be raised" was embodied in a resolution adopted by the legislature, and published by the State government for the information of the people. It is as follows: Comptu, yam, casava, ginger, guulka, sisal hemp, indigo, tobacco, cortex, cascarilla, canilla alba, sarsaparilla, sugar-cane, pepper, bush and vine pepper, cocoanut, plantain, sapadilla, sour-sap, avocado pear, mango, manie sapota, boxwood, lignumvitae, mahogany, titi, and ship timber.

The culture of coffee, the almond, and the olive has been successfully commenced, and the Japanese persimmon and plum, the peen-to, or flat peach of China, and other East India fruits recently introduced here attain perfection, and promise to be an important addition to our fruits of commerce. In addition to the foregoing named, nearly all the fruits of the North.

Another industry which is assuming large proportions is the cultivation of early vegetables for the northern markets. This has proved a source of great profit to those engaged in it. The lines of transportation are being rapidly extended, and will soon reach below the frost line, where first-class lands may be had at nominal rates. In this region vegetables can be raised and shipped during any month of the year. The following are the average yields and profits per acre of melons, tomatoes, and cucumbers:

	Profits.
Melons, 800 per acre .....	\$75 00
Tomatoes, 150 bushels .....	200 00
Cucumbers, 350 bushels .....	300 00

I am unable to give the precise figures of the vegetable crops of the State shipped to the North during the present season, but it will approximate to 400,000 crates of one bushel each, and 300,000 watermelons. This industry is capable of almost indefinite profitable expansion.



LUMBER.

The amount of lumber cut and exported during the past year is compiled from statements furnished by the several collectors of customs, and reduced to superficial feet is as follows:

Port.	Coastwise.	Foreign.
Pensacola .....	29, 998, 000	172, 456, 884
Jacksonville .....	42, 335, 885	4, 444, 359
Fernandina .....	25, 711, 000	8, 992, 000
Apalachicola .....	4, 715, 000	486, 000
Cedar Keys and other ports.....	15, 000, 000	.....
Total .....	117, 749, 885	186, 379, 243
Total coastwise and foreign.....	.....	304, 129, 128

HEALTH, &C.

As a sanitarium this region finds constant and increasing favor. The breezes from the ocean and the gulf, tempered alike in winter and summer, become charged with the health-giving properties of our fine forests, and make the Florida peninsula perhaps the most healthful place in the world. Sunstroke, hydrophobia, and dyphtheria are unknown, and our inhabitants enjoy almost complete immunity from scarlet and the various forms of typhus fever. With these advantages and resources, Florida may well look forward to a career of prosperity.

I am, sir, very respectfully, your obedient servant,

LE ROY D. BALL,  
*Surveyor General, District of Florida.*

Hon. J. A. WILLIAMSON,  
*Commissioner General Land Office, Washington, D. C.*

A.—Report of surveying operations in the district of Florida, showing contracts entered into during the fiscal year ending June 30, 1880.

Name of deputy.	No. of contract.	Date of contract.	Description of work.	Remarks.
H. S. Duval.....	39	May 15, 1880	Exterior and subdivision lines of townships lying west of the Everglades and along the Gulf coast. Also, islands on Gulf coast, from township 53 southwardly.	Contract canceled. (See Commissioner's letter of June 9, 1880.)
Charles F. Hopkins	40	May 27, 1880	Subdivision of townships 37 south, range 35 east; 35, 37, 38 south, range 36 east; 42 south, range 37 east; 34, 42, 43 south, range 38 east; 43 south, range 39 east; 43 south, range 40 east.	Contract canceled. (See Commissioner's letter of June 19, 1880.)

LE ROY D. BALL,  
*Surveyor General.*

SURVEYOR GENERAL'S OFFICE,  
*Tallahassee, Fla., September 4, 1880.*



## B.—Statement showing present condition of contracts not closed at date of last annual report.

Name of deputy.	No. of contract.	Date of contract.	Description of work.	Remarks.
Walker Gwynn . . . .	22	June 31, 1876	Island on Lake Jessup, township 20 south, range 31 east.	On account of special deposit work not forwarded.
John A. Henderson	35	Jan. 29, 1879	Lands lying between the boundaries known as the Watson and the Orr & Whitner lines.	Notes returned, but not platted. Plats and field notes of township 3 north, ranges 7, 8, and 9 east, transmitted January 17, 1880. Balance will be sent immediately.
G. H. Johnson . . . . .	38	May 7, 1879	Township 39 south, range 23 east, east of Pease Creek.	Field notes returned August 25, 1880. Not platted.
E. E. Ropes . . . . .	27	June 22, 1877	Islands in Dexter's Lake, township 16 south, range 29 east.	Field work not completed on account of ill health of deputy.

LE ROY D. BALL,  
Surveyor General.

SURVEYOR GENERAL'S OFFICE,  
Tallahassee, Fla., September 4, 1880.

## C.—List of township plats furnished the General and District Land Offices during the fiscal year ending June 30, 1880.

Townships.	Ranges.	No. of plats.		When furnished.	
		G. L. O.	D. L. O.	G. L. O.	D. L. O.
26 south . . . . .	20 east . . . . .	1	.....	Nov. 14, 1879	
3 north . . . . .	7, 8, 9 east . . . . .	3	.....	Jan. 17, 1880	
15 south . . . . .	27 east . . . . .	1	.....	June 9, 1880	
9, 10 south . . . . .	27 east . . . . .		2		July 28, 1880.
33, 34, 35, 36, 38, 39 south . . . . .	26 east . . . . .		6		Jan. 7, 1880.
30, 31, 36 south . . . . .	27 east . . . . .		3		Jan. 7, 1880.
15 south . . . . .	11 east . . . . .		1		Jan. 10, 1880.
13, 14, 15 south . . . . .	12 east . . . . .		3		Jan. 10, 1880.
15, 17 south . . . . .	15 east . . . . .		2		Jan. 10, 1880.
19, 20 south . . . . .	16 east . . . . .		2		Jan. 10, 1880.
34, 35 south . . . . .	30 east . . . . .		2		Jan. 26, 1880.
28, 29 south . . . . .	27 east . . . . .		2		Jan. 28, 1880.
42 south . . . . .	25 east . . . . .		1		Jan. 28, 1880.
32 south . . . . .	29 east . . . . .		1		Jan. 28, 1880.
34 south . . . . .	31 east . . . . .		1		Jan. 28, 1880.
36 south . . . . .	34 east . . . . .		1		Jan. 28, 1880.
36 south . . . . .	36 east . . . . .		1		Jan. 28, 1880.
41 south . . . . .	37 east . . . . .		1		Jan. 28, 1880.
66 south . . . . .	30 east . . . . .		1		Jan. 30, 1880.
35 south . . . . .	31 east . . . . .		1		Jan. 30, 1880.
30 south . . . . .	34 east . . . . .		1		Jan. 30, 1880.
29, 30, 31 south . . . . .	35 east . . . . .		3		Jan. 30, 1880.
36, 37 south . . . . .	41 east . . . . .		2		Jan. 21, 1880.
15 south . . . . .	27 east . . . . .		1		June 8, 1880.
1 north . . . . .	29 west . . . . .		1		June 18, 1880.
1 north . . . . .	16 east . . . . .		1		June 18, 1880.
Total . . . . .		5	40		

LE ROY D. BALL,  
Surveyor General.

SURVEYOR GENERAL'S OFFICE,  
Tallahassee, Fla., September 4, 1880.



D.—Statement of descriptive lists of corners, land, soil, &c., prepared and transmitted to the district land office during the fiscal year ending June 30, 1880.

Townships.	Ranges.	Townships.	Ranges.
43, 44 south .....	20, 21 east.	43, 44, 45, 46 south.....	30 east.
43, 44, 45, 46 south.....	22 east.	43, 45, 46, 47, 48, 49 south.....	31 east.
45, 46 south .....	23 east.	43, 44, 45, 46 south.....	32 east.
44, 45, 46, 47 south.....	24 east.	44, 45, 46, 48, 49 south.....	33 east.
43, 44, 45, 46, 50 south.....	25 east.	48, 49 south.....	34 east.
43, 44, 45, 46, 52 south.....	26 east.	60 south.....	37 east.
43, 44, 45, 46 south.....	27 east.	59, 60 south.....	38 east.
Do .....	28 east.	58, 59 south.....	39 east.
Do .....	29 east.		

LE ROY D. BALL,  
Surveyor General.

SURVEYOR GENERAL'S OFFICE,  
Tallahassee, Fla., Sept. 4, 1880.

E.—Statement showing the amount expended for salaries of surveyor general and clerks during fiscal year ending June 30, 1880.

1880. By appropriations for compensation of surveyor-general for fiscal year 1880 .....	\$1,800 00	
1880. By appropriation for salary for clerks for fiscal year 1880.....	2,000 00	
Oct. 29, 1879. To first quarter, ending September 30, 1879.....	\$950 00	
Dec. 31, 1879. To second quarter, ending December 31, 1879.....	950 00	
Mar. 31, 1880. To third quarter, ending March 31, 1880.....	950 00	
June 30, 1880. To fourth quarter, ending June 30, 1880.....	950 00	
Total .....	3,800 00	3,800 00

LE ROY D. BALL,  
Surveyor General.

SURVEYOR GENERAL'S OFFICE,  
Tallahassee, Fla., September 4, 1880.

F.—Statement showing the amount expended for rent of office and other incidental expenses, and condition of account during fiscal year ending June 30, 1880.

1880. By appropriation for rent of office and other incidental expenses for fiscal year 1880 .....	\$1,000 00	
Oct. 29, 1879. To first quarter, ending September 30, 1879.....	\$211 95	
Dec. 31, 1879. To second quarter, ending December 31, 1879 ....	203 00	
Mar. 31, 1880. To third quarter, ending March 31, 1880.....	222 10	
June 30, 1880. To fourth quarter, ending June 30, 1880.....	191 85	
Aug. 26, 1880. To draft credit United States Treasurer .....	171 10	
Total .....	1,000 00	1,000 00

LE ROY D. BALL,  
Surveyor General.

SURVEYOR GENERAL'S OFFICE,  
Tallahassee, Fla., September 4, 1880.

G.—Estimate of sums required for office expenses for fiscal year ending June 30, 1882.

Salary of surveyor general .....	\$2,000 00
Salary of chief clerk.....	1,600 00
Salary of draughtsman .....	1,400 00
Contingent expenses .....	1,000 00
Total .....	6,000 00

LE ROY D. BALL,  
Surveyor General.

SURVEYOR GENERAL'S OFFICE,  
Tallahassee, Fla., September 4, 1880.



H.—Statement showing the names, duties, nativity, whence appointed, term of service, and rate of compensation per annum of persons employed in the surveyor general's office of Florida, during the fiscal year ending June 30, 1880.

Name.	Duty.	Nativity.	Whence appointed.	Term of service.	Salary per annum.
Le Roy D. Ball .....	Surveyor-general ..	Massachusetts ..	Florida ...	Entire year ..	\$1, 800
William T. Webster.....	Chief clerk.....	Maine .....	do .....	do .....	1, 400
John A. Craig .....	Clerk .....	Maryland .....	do .....	do .....	600
Moses Lockett .....	Messenger.....	Georgia.....	do .....	do .....	360
					4, 160

LE ROY D. BALL, *Surveyor General.*

SURVEYOR GENERAL'S OFFICE,  
Tallahassee, Fla., September 4, 1880.

F.—Report of the surveyor general of Idaho.

UNITED STATES SURVEYOR GENERAL'S OFFICE,  
Boise City, Idaho, August 10, 1880.

SIR: In compliance with your instructions, I have the honor to submit my annual report in duplicate of this surveying district for the fiscal year ending June 30, 1880, together with the usual tabular statements relating thereto.

A.—Estimate of expense incidental to the survey of public lands in Idaho for the fiscal year ending June 30, 1882.

B.—Statement of expenditure of appropriation for compensation of surveyor general and clerks in his office for the fiscal year ending June 30, 1880.

C.—Statement of incidental and office expenses for the fiscal year ending June 30, 1880.

D.—Statement of the expenditure of the appropriation for surveys in Idaho for the fiscal year ending June 30, 1880.

E.—Statement showing the condition of contracts entered into under the appropriation of March 3, 1879.

F.—Statement of original maps and copies transmitted to the General Land Office and to the district offices since June 30, 1879.

G.—Statement of descriptive list sent to the local land offices since June 30, 1879.

H.—Tabular list of townships surveyed since June 30, 1879, showing the area of public lands.

I.—Statement of amount deposited with United States assistant treasurers for office work on mineral claims during the fiscal year ending June 30, 1880.

J.—List of mineral claims surveyed, platted, and approved during the fiscal year ending June 30, 1880, showing the amounts deposited for office work and amounts expended, &c.

K.—Names, nativity, &c., of surveyor general, clerks, &c., in his office at Boise City, Idaho, during the fiscal year ending June 30, 1880.

The surveys for the past year were made to meet the wants of the settlers so far as could be done with the amount apportioned to this district. Thirty-eight townships were surveyed, embracing an area of five hundred and fifty-one thousand three hundred and thirteen acres.

The mining interest has received a new impulse by the discovery of many rich argenterious lodes along the headwaters of Wood River. A wagon road has been constructed into the Yankee Fork district, and extensive mills are being built for the reduction of its ores.

The Utah and Northern Railroad has been completed through the eastern portion of the Territory, and thus affords better facilities for the development of the varied interests of this section of country.

Stock raising and agriculture are increasing in importance each year, and immigration is steadily flowing into the Territory.

My estimates, forwarded April 17, 1880, for the various items named, I believe, are for only such amounts as the demands of this district require.

I am sir, very respectfully, your obedient servant,  
WILLIAM P. CHANDLER,  
*Surveyor General for Idaho.*

Hon. J. A. WILLIAMSON,  
*Commissioner General Land Office.*



A.—*Estimate of expenses incidental to the survey of public lands in Idaho for the fiscal year ending June 30, 1882.*

OFFICE EXPENSES.	
Salary of surveyor general.....	\$3,000 00
Salary of clerks .....	4,000 00
For rent of office, messenger, fuel, stationery, &c.....	2,000 00
	<u>\$9,000 00</u>
SURVEYING SERVICE.	
For surveying 200 miles of standard lines, mountainous and timbered, at \$16 .....	\$3,200 00
For surveying 240 miles of exterior lines, mountainous and timbered, at \$14 .....	3,360 00
For surveying 1,080 miles of subdivision lines, mountainous and timbered, at \$10 .....	10,800 00
For surveying 240 miles of exterior lines, at \$7.....	1,680 00
For surveying 1,200 miles of subdivision lines, at \$6.....	7,200 00
	<u>26,240 00</u>
	<u>35,240 00</u>

B.—*Statement of expenditure of appropriation for compensation of surveyor general and clerks in his office, for the fiscal year ending June 30, 1880.*

DR.			CR.		
1879	To amount expended third quarter 1879.....	\$1,250 00	1879	By appropriation of June 21, 1879.....	\$5,000 00
	To amount expended fourth quarter 1879.....	1,185 87			
1880	To amount expended first quarter 1880.....	1,187 50			
	To amount expended second quarter 1880.....	1,346 15			
	To balance repaid to United States Treasurer .....	30 48			
		<u>5,000 00</u>			<u>5,000 00</u>

C.—*Statement of incidental and office expenses for the fiscal year ending June 30, 1880.*

DR.			CR.		
1879	To amount expended third quarter 1879.....	\$319 60	1879	By appropriation of March 3, 1879.....	\$1,500 00
	To amount expended fourth quarter 1879.....	418 50			
1880	To amount expended first quarter 1880.....	379 63			
	To amount expended second quarter 1880.....	382 15			
	To balance repaid to United States Treasurer .....	12			
		<u>1,500 00</u>			<u>1,500 00</u>

D.—*Statement of the expenditure of the appropriation for surveys in Idaho for the fiscal year ending June 30, 1880.*

DR.			CR.		
1879	To amount reported for payment on contract No. 78, to Cartee & David.....	\$4,773 32	1879 and 1880	By appropriation approved March 3, 1879 .....	\$13,000 00
	To amount reported for payment on contract No. 79, to Allen M. Thompson.....	1,642 46			
	To balance covered by contracts .....	6,584 22			
		<u>13,000 00</u>			<u>13,000 00</u>



## E.—Statement showing the condition of contracts entered into under the appropriation of March 3, 1879.

Number of contract.	Name of deputy.	Date of contract.	Character and locality of work.	Remarks.
78	L. F. Cartee and John B. David.	May 1, 1879	Exterior boundaries and subdivisions of townships No. 6 and 7 north, ranges No. 37, 38, 39, 40, 41, and 42 east, and the first standard parallel north through ranges No. 30, 29, 28, 27, 26, 25, 24, and 23 east.	Notes returned and approved; plats and transcripts transmitted.  NOTE.—First standard parallel not run through ranges No. 23, 24, 25, 26, 27, and 28 east.  Fractional townships 13 and 14 south, range 38 east included, by instructions from the department.
79	Allen M. Thompson ..	July 2, 1879	Fourth standard parallel north through ranges No. 1, 2, and 3 west, and the fifth standard parallel north through ranges No. 1, 2, 3, and 4 east, and exterior boundaries of townships No. 16, 17, and 18 north of ranges No. 1, 2, and 3 west, and townships No. 22 and 23 north, ranges No. 1, 2, and 3 east, and subdivisions of townships No. 16 and 17 north, of ranges No. 1 and 2 west, and of townships No. 22 north, of ranges No. 1 and 2 east, and of township No. 23 north, of range 2 east.	NOTE.—Fourth standard parallel north through ranges 1, 2, and 3 east, and the exterior lines of townships 18, 19, and 20 north, range 1 east, and townships 18 and 19 north, range 2 east, substituted for the fifth standard parallel north and exterior lines of townships 22 and 23 north, ranges 1, 2, and 3 east. NOTE.—Townships 13 and 14 north, range 4 west, township 15 north, range 2 west, townships 5 and 6 north, range 2 east, and township 7 north, range 3 east, substituted for townships 18 north, ranges 1, 2, and 3 west, and townships 16 and 17 north, range 3 west. Notes returned and in the hands of the draughtsman.
80	John B. David.....	May 18, 1880	Boise meridian from the corner to fractional sections 1 and 6 of township 36 north, range 1 east and 1 west; north through township 37, 38, 39, and 40 north and the eighth standard parallel north through ranges 1 and 2 east, and exterior lines and subdivisions of townships 37, 38, 39, and 40 north, range 1 east; exterior lines and subdivisions of townships 37 and 38 north, range 1 west, and exterior lines of and subdivisions of township No. 39 north, range 1 west.	Deputy in the field.
81	Allen M. Thompson ..	June 14, 1880	Third standard parallel north through ranges 1, 2, 3, and 4 east, and the exterior lines of townships 14, 15, and 16 north, ranges 1, 2, 3, and 4 east, and townships 17 and 18 north, range 3 east.	Deputy in the field; township 17 north, range 1 east included.



## F.—Statement of original maps and copies transmitted to the General Land Office and the district offices since June 30, 1879.

Descriptive plats.	Original.	General Land Office.	District office.	Total.	When transmitted to the General Land Office.	When transmitted to the District office.
First standard parallel north through ranges No. 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, and 43 east ...	1	1	.....	2	Oct. 3, 1879	
Exterior lines of townships No. 3, 4, 5, and 6 south, of range No. 33 east and township No. 3 south, of range No. 34 east .....	1	1	.....	2	Oct. 3, 1878	
Exterior lines of townships No. 1, 2, 3, and 4 north, of range No. 36 east, and of township No. 5 north, of ranges No. 36, 37, and 38 east, and of townships No. 4 and 5 north, of range No. 41 east .....	1	1	.....	2	Oct. 3, 1879	
Township 3 south, range 33 east .....	1	1	1	3	Oct. 3, 1879	Oct. 30, 1879
Township 4 south, range 33 east .....	1	1	1	3	Oct. 3, 1879	Oct. 30, 1879
Township 3 south, range 34 east .....	1	1	1	3	Oct. 3, 1879	Oct. 30, 1879
Township 3 south, range 35 east .....	1	1	1	3	Oct. 3, 1879	Oct. 30, 1879
Township 3 south, range 36 east .....	1	1	1	3	Oct. 3, 1879	Oct. 30, 1879
Township 5 north, range 36 east .....	1	1	1	3	Oct. 3, 1879	Oct. 30, 1879
Township 5 north, range 37 east .....	1	1	1	3	Oct. 3, 1879	Oct. 30, 1879
Township 5 north, range 38 east .....	1	1	1	3	Oct. 3, 1879	Oct. 30, 1879
Township 5 north, range 39 east .....	1	1	1	3	Oct. 3, 1879	Oct. 30, 1879
Township 4 north, range 41 east .....	1	1	1	3	Oct. 3, 1879	Oct. 30, 1879
Township 5 north, range 41 east .....	1	1	1	3	Oct. 3, 1879	Oct. 30, 1879
Exterior lines of townships No. 1 and 2 south, of ranges Nos. 20 and 21 east .....	1	1	.....	2	Dec. 1, 1879	
Exterior lines of township No. 1 north of ranges No. 18 and 19 east .....	1	1	.....	2	Dec. 1, 1879	
Township 1 south, range 17 east .....	1	1	1	3	Dec. 1, 1879	Jan. 7, 1880
Township 1 south, range 18 east .....	1	1	1	3	Dec. 1, 1879	Jan. 7, 1880
Township 1 south, range 19 east .....	1	1	1	3	Dec. 1, 1879	Jan. 7, 1880
Township 1 south, range 20 east .....	1	1	1	3	Dec. 1, 1879	Jan. 7, 1880
Township 1 south, range 21 east .....	1	1	1	3	Dec. 1, 1879	Jan. 7, 1880
Township 2 south, range 18 east .....	1	1	1	3	Dec. 1, 1879	Jan. 7, 1880
Township 3 south, range 18 east .....	1	1	1	3	Dec. 1, 1879	Jan. 7, 1880
Township 5 south, range 17 east .....	1	1	1	3	Dec. 1, 1879	Jan. 7, 1880
Township 6 south, range 17 east .....	1	1	1	3	Dec. 1, 1879	Jan. 7, 1880
Township 2 south, range 20 east .....	1	1	1	3	Dec. 1, 1879	Jan. 7, 1880
Township 2 south, range 21 east .....	1	1	1	3	Dec. 1, 1879	Jan. 7, 1880
Township 1 north, range 18 east .....	1	1	1	3	Dec. 1, 1879	Jan. 7, 1880
Township 1 north, range 19 east .....	1	1	1	3	Dec. 1, 1879	Jan. 7, 1880
Fourth standard parallel north, through ranges No. 1, 2, and 3 east, and ranges No. 1, 2 and 3 west, and ranges No. 1, 2, and 3 west .....	1	1	.....	2	Jan. 28, 1880	
Exterior lines of township No. 18, 19, and 20 north, of range No. 1 east, and of townships Nos. 18 and 19 north, of range No. 2 east .....	1	1	.....	2	Jan. 28, 1880	
Township 20 north, range 1 east .....	1	1	1	3	Jan. 28, 1880	Feb. 20, 1880
Township 19 north, range 2 east .....	1	1	1	3	Jan. 28, 1880	Feb. 20, 1880
Exterior lines of townships No. 6 and 7 north, of ranges No. 37, 38, 39, 40, 41, and 42 east .....	1	1	.....	2	Feb. 21, 1880	
Exterior line between townships 13 and 14 south, range 38 east .....	1	1	.....	2	Feb. 21, 1880	
First standard parallel north, through ranges 29 and 30 east .....	1	1	.....	2	Feb. 21, 1880	
Township 6 north, range 38 east .....	1	1	1	3	Feb. 21, 1880	Mar. 13, 1880
Township 7 north, range 38 east .....	1	1	1	3	Feb. 21, 1880	Mar. 13, 1880
Township 6 north, range 39 east .....	1	1	1	3	Feb. 21, 1880	Mar. 13, 1880
Township 7 north, range 39 east .....	1	1	1	3	Feb. 21, 1880	Mar. 13, 1880
Township 6 north, range 40 east .....	1	1	1	3	Feb. 21, 1880	Mar. 13, 1880
Township 7 north, range 40 east .....	1	1	1	3	Feb. 21, 1880	Mar. 13, 1880
Township 6 north, range 41 east .....	1	1	1	3	Feb. 21, 1880	Mar. 13, 1880
Township 7 north, range 41 east .....	1	1	1	3	Feb. 21, 1880	Mar. 13, 1880
Township 6 north, range 42 east .....	1	1	1	3	Feb. 21, 1880	Mar. 13, 1880
Township 7 north, range 42 east .....	1	1	1	3	Feb. 21, 1880	Mar. 13, 1880
Township 13 south, range 38 east .....	1	1	1	3	Feb. 21, 1880	Mar. 13, 1880
Township 14 south, range 38 east .....	1	1	1	3	Feb. 21, 1880	Mar. 13, 1880



G.—Statement of descriptive list sent to the local land offices since June 30, 1879.

Township.	Range.	When trans- mitted.	Township.	Range.	When trans- mitted.
3 south.....	33 east.....	June 30, 1880	6 south.....	17 east.....	June 30, 1880
4 south.....	33 east.....	June 30, 1880	2 south.....	20 east.....	June 30, 1880 <sup>a</sup>
3 south.....	34 east.....	June 30, 1880	2 south.....	21 east.....	June 30, 1880
3 south.....	35 east.....	June 30, 1880	1 north.....	18 east.....	June 30, 1880 <sup>a</sup>
3 south.....	36 east.....	June 30, 1880	1 north.....	19 east.....	June 30, 1880 <sup>a</sup>
5 north.....	36 east.....	June 30, 1880	20 north.....	1 east.....	June 30, 1880 <sup>a</sup>
5 north.....	37 east.....	June 30, 1880	19 north.....	2 east.....	June 30, 1880
5 north.....	38 east.....	June 30, 1880	6 north.....	38 east.....	June 30, 1880
5 north.....	39 east.....	June 30, 1880	7 north.....	38 east.....	June 30, 1880
4 north.....	41 east.....	June 30, 1880	6 north.....	39 east.....	June 30, 1880
5 north.....	41 east.....	June 30, 1880	7 north.....	39 east.....	June 30, 1880 <sup>a</sup>
1 south.....	17 east.....	June 30, 1880	6 north.....	40 east.....	June 30, 1880
1 south.....	18 east.....	June 30, 1880	7 north.....	40 east.....	June 30, 1880 <sup>a</sup>
1 south.....	19 east.....	June 30, 1880	6 north.....	41 east.....	June 30, 1880
1 south.....	20 east.....	June 30, 1880	7 north.....	41 east.....	June 30, 1880 <sup>a</sup>
1 south.....	21 east.....	June 30, 1880	6 north.....	42 east.....	June 30, 1880 <sup>a</sup>
2 south.....	18 east.....	June 30, 1880	7 north.....	42 east.....	June 30, 1880
3 south.....	18 east.....	June 30, 1880	13 south.....	38 east.....	June 30, 1880
5 south.....	17 east.....	June 30, 1880	14 south.....	38 east.....	June 30, 1880 <sup>a</sup>

H.—*Tabular list of townships surveyed since June 30, 1879, showing the areas of the public lands.*

Number of townships surveyed.	Township.	Range.	Area of public land.
1	3 south .....	33 east.....	22, 821. 58
2	4 south .....	33 east.....	14, 187. 71
3	3 south .....	34 east.....	13, 938. 04
4	3 south .....	35 east.....	6, 869. 58
5	3 south .....	36 east.....	3, 393. 39
6	5 north .....	36 east.....	18, 569. 59
7	5 north .....	37 east.....	19, 633. 08
8	5 north .....	38 east.....	16, 216. 27
9	5 north .....	39 east.....	3, 174. 85
10	4 north .....	41 east.....	15, 371. 66
11	5 north .....	41 east.....	22, 373. 72
12	1 south .....	17 east.....	22, 064. 67
13	1 south .....	18 east.....	21, 546. 11
14	1 south .....	19 east.....	21, 602. 42
15	1 south .....	20 east.....	11, 977. 78
16	1 south .....	21 east.....	18, 786. 75
17	2 south .....	18 east.....	22, 899. 65
18	3 south .....	18 east.....	15, 356. 76
19	5 south .....	17 east.....	2, 560. 00

  

Number of townships surveyed.	Township.	Range.	Area of public land.
20	6 south .....	17 east.....	1, 279. 64
21	2 south .....	20 east.....	1, 921. 90
22	2 south .....	21 east.....	14, 140. 96
23	1 north .....	18 east.....	7, 684. 52
24	1 north .....	19 east.....	8, 315. 45
25	20 north .....	1 east.....	6, 410. 12
26	19 north .....	2 east.....	9, 534. 30
27	6 north .....	38 east.....	7, 636. 52
28	7 north .....	38 east.....	15, 368. 58
29	6 north .....	39 east.....	22, 638. 33
30	7 north .....	39 east.....	22, 929. 19
31	6 north .....	40 east.....	23, 070. 92
32	7 north .....	40 east.....	22, 499. 89
33	6 north .....	41 east.....	23, 040. 43
34	7 north .....	41 east.....	22, 894. 60
35	6 north .....	42 east.....	23, 038. 68
36	7 north .....	42 east.....	22, 992. 68
37	13 south .....	38 east.....	1, 382. 44
38	14 south .....	38 east.....	1, 200. 56

  

Total area .....	551, 373. 32
386 townships of public lands previously reported .....	6, 404, 410. 16
37 townships of Indian reservations previously reported .....	464, 907. 28
Total acres surveyed .....	7, 420, 630. 76



I.—Statement of amount deposited with United States assistant treasurers for office work on mineral claims during the fiscal year ending June 30, 1880.

Date of deposit.	Name of depositor.	Amount.	Name of claim.	Where located.	Character.
Aug. 15, 1879	John Tiernan .....	\$29 00	Robinson mine and mill site.	Oneida County .....	Quartz.
Aug. 15, 1879	.....do .....	29 00	Austin mine .....	.....do .....	Do.
Aug. 19, 1879	T. R. Butler .....	29 00	Whistler mine .....	Lemhi County .....	Do.
Sept. 4, 1879	James D. Agnew .....	29 00	Blue Cloud .....	Washington County .....	Do.
Sept. 8, 1879	William B. Hyde .....	29 00	General Custer .....	Lemhi County .....	Do.
Sept. 8, 1879	.....do .....	29 00	Unknown .....	.....do .....	Do.
Sept. 17, 1879	N. E. Lindsey .....	29 00	Ram's Horn .....	.....do .....	Do.
Sept. 22, 1879	C. Moore .....	29 00	Poor Man .....	Owyhee County .....	Do.
Sept. 27, 1879	A. L. Richardson .....	29 00	Peacock .....	Washington County .....	Do.
Sept. 27, 1879	.....do .....	29 00	White Monument .....	.....do .....	Do.
Oct. 4, 1879	William B. Hyde .....	29 00	Cashier mine and mill site.	Lemhi County .....	Do.
Oct. 7, 1879	Martin and Thompson .....	29 00	Idle Wild .....	Owyhee County .....	Do.
Oct. 7, 1879	Henry Martin .....	29 00	Clear Brook .....	.....do .....	Do.
Nov. 3, 1879	Wm. F. Summercamp .....	29 00	Perseverance .....	.....do .....	Do.
Nov. 3, 1879	.....do .....	29 00	North Rising Star .....	.....do .....	Do.
Nov. 3, 1879	Fred Warnkee .....	29 00	Rising Star .....	.....do .....	Do.
Nov. 3, 1879	.....do .....	29 00	Leviathan .....	.....do .....	Do.
Nov. 3, 1879	Henry Van Horn .....	29 00	North American .....	Lemhi County .....	Do.
Nov. 3, 1879	.....do .....	29 00	South American .....	.....do .....	Do.
Nov. 5, 1879	Timothy Reagan .....	29 00	Oro Fino .....	Owyhee County .....	Do.
Nov. 8, 1879	Valentine Blackinger .....	29 00	Golden Age .....	.....do .....	Do.
Nov. 28, 1879	Boggs and Shoup .....	29 00	Montana .....	Lemhi County .....	Do.
Apr. 22, 1880	Henry Van Horn .....	29 00	North and South American mill site.	.....do .....	Do.
June 21, 1880	Peter Adams .....	29 00	Webfoot mine .....	Owyhee County .....	Do.
June 29, 1880	T. Regan .....	39 00	North Empire mine .....	.....do .....	Do.
		726 00			

J.—*List of mineral claims surveyed, platted, and approved during the fiscal year ending June 30, 1880, showing the amounts deposited for office work, and amounts expended, &c.*

Number of survey.	Name of claim.	Mining district.	County.	Township.
37	Leviathan .....	Flint .....	Owyhee .....	6 south, range 4 west.
38	Perseverance .....	do .....	do .....	6 south, range 4 west.
39	Rising Star .....	do .....	do .....	6 south, range 4 west.
40	First North Extension Rising Star .....	do .....	do .....	6 south, range 4 west.
37	Poor Man .....	Carson .....	do .....	5 south, range 3 west.
38	Idle Wild .....	do .....	do .....	5 south, range 3 west.
39	Clear Brook .....	do .....	do .....	5 south, range 3 west.
40	Oro Fino .....	French .....	do .....	5 south, range 3 west.
37	Golden Age .....	Carson .....	do .....	4 south, range 4 west.

No. of survey.	Name of claim.	Plats approved.	Name of surveyor.	Amount deposited.	Cost of office work.	Balance unexpended.
37	Leviathan .....	Dec. 29, 1879	Frank P. Cavanah ....	\$29 00	\$28 54	\$0 46
38	Perseverance .....	Dec. 29, 1879	.....do .....	29 00	28 53	47
39	Rising Star .....	Dec. 39, 1879	.....do .....	29 00	28 53	47
40	First North Extension					
	Rising Star .....	Dec. 29, 1879	.....do .....	29 00	28 53	47
37	Poor Man .....	Mar. 8, 1880	.....do .....	29 00	28 14	86
38	Idle Wild .....	Mar. 31, 1880	.....do .....	29 00	28 12	88
39	Clear Brook .....	Mar. 31, 1880	.....do .....	29 00	28 12	88
40	Oro Fino .....	Mar. 31, 1880	.....do .....	29 00	28 12	88
37	Golden Age .....	Apr. 7, 1880	.....do .....	29 00	28 85	15
	Total .....			261 00	255 48	5 52



K.—Names, nativity, &c., of surveyor general, clerks, &c., in his office at Boise City, Idaho, during the fiscal year ending June 30, 1880.

Name.	Occupation.	Nativity.	Whence appointed.	Time of service.	Amount received.
William P. Chandler..	Surveyor general..	New Hamp-shire.	Illinois ...	Entire year.....	\$2, 500 00
Theophilus W. Randall	Chief clerk.....	England ...	Idaho ....	.. do .....	*1, 500 00
Nelson F. Kimball.....	Draughtsman ....	New Hamp-shire.	....do .....	Eleven months and fifteen days.	1, 225 00
Thomas Conroy .....	Messenger .....	Ireland .....	....do .....	Entire year .....	600 00
Total.....	.....	.....	.....	.....	5, 825 00

\* Of this amount \$255.48 paid out of special deposits for mineral claims.

G.—Report of the surveyor general of Louisiana.

OFFICE OF THE SURVEYOR GENERAL, DISTRICT OF LOUISIANA,  
New Orleans, La., August 28, 1880.

SIR: In pursuance of instruction, I have now the honor to submit to you the usual annual report for this surveying district for the fiscal year ending 30th June, 1880, accompanied with tabular statements of field and office work as follows, to wit:

A.—Statement of surveying contracts entered into by the surveyor general of Louisiana on account of appropriation for the year ending June 30, 1875.

B.—Statement of surveying contracts entered into by the surveyor general of Louisiana, on account of appropriation for the year ending June 30, 1876.

C.—Statement of surveying contracts entered into by the surveyor general of Louisiana, on account of appropriation for the year ending June 30, 1879.

D.—Statement of surveying contracts entered into by the surveyor general of Louisiana, on account of appropriation for the year ending June 30, 1880.

E.—Estimate of funds for surveying service in Louisiana, for compensation of surveyor general, salary of his clerks, and for contingent expenses in his office for the year ending June 30, 1882.

FIELD WORK.

The field work has been very limited in extent, on account of the small allotment of \$14,000 given the district out of the \$300,000 appropriated by act of March 3, 1879. Under that allotment six contracts were let, all but four of which were confined to the resurveys of the pine timber belt in the southwestern district. The exceptions consisted of a contract let to George K. Bradford, deputy surveyor, for the original survey of township 21 south, range 23 east, in the southeast district; and a contract let to Owen McLeran, deputy surveyor, for the original survey of townships 8 and 9 south, ranges 5 and 6 east; and townships 10 and 11 south, range 3 east, in the southeastern district, east of the Mississippi River, being portion of the William Conway division of the Houmas claim.

Under this last contract a portion of this part of the Houmas grant has been subdivided into sections, the survey approved, maps constructed, and returns made to the bureau, and in due course the lands may be put upon the market. In this connection, I beg leave to repeat the remarks made in my last annual report upon this subject: "It is a subject of regret that the allotment was not sufficient. \* \* \* I invite your attention to the subject, as it may be material in appropriating or allotting funds for future surveys in that claim."

The townships finished in the pine timber belt of the Calcasieu region during the last year leave now only sixteen which it is supposed will be necessary to resurvey under the policy and necessity which have heretofore required the resurvey of the remainder of the timber belt in that district. When they shall have been completed, the officer will be enabled to devote more attention to the wants of other portions of the State.

Nothing has been attempted upon the large unsurveyed belt along the coast of the Gulf of Mexico, extending from the Sabine River eastward to the Vermillion Bay. There is little to be said about this very large district of unsurveyed region, containing forty or fifty townships, with an estimated area of over a million acres, which has not been said in former reports. (See Land Office Reports for 1871, p. 89; for 1872, p. 71; and for 1875, pp. 177 and 178.)



When the southwestern district was undergoing original survey, from 1805 to 1838, it seems that the deputy surveyors, working then at rates scarcely one-third those now paid for the same kind of work, and subjected to innumerable embarrassments and outlays resulting from the inaccessibility and wildness of the country, declined or failed to extend their township and sectional lines to the southward over what they were pleased to report as the "impassable" or "impracticable sea-marsh." They probably preferred working in the higher and more pleasant regions of the prairie and pine woods, where greater profits and less labor and suffering awaited them. The result has been that this belt of land, varying in width from 20 to 30 miles and about 100 miles in length east and west, remains to this day totally unsurveyed, with the exception of a few favored spots upon which settlers were sufficient in number and influence, before the war, to invoke surveys of their particular localities.

It has been assumed, or was assumed, as stated, by the first surveyors, as far back as 1805, and their assumption has been the rule of the department ever since in dealing with this subject, that this large body of land was uninhabitable, unsurveyable, and should remain untouched by those pioneers of American progress—the chain and compass of the national surveyor. But these illusions, like their kindred errors about the great American Desert and many other portions of our country, are fast being dispelled before the light shed upon them by modern investigation, enterprise, and developments.

It is now well known that all the margins of the lakes, streams, and bayous in that region are high, dry land and exceedingly rich, and that much of the residue is composed of broad cheniers or ridges and valuable wooded slopes, which are of the richest alluvial land, and in many places sustaining large numbers of settlers engaged in agriculture and cattle-raising.

The course of emigration to and development of this portion of the State is seriously retarded by the failure of the government to extend over it the public surveys, which, for the causes stated, were, in 1807 to 1830, discontinued as they reached its irregular northern limit. Fewer of the settlers who have taken up their abodes within it have titles to their homes, or have initiated or can initiate proceedings to obtain titles, while a general sense of insecurity renders them jealous of encroachments by new settlers upon their undeterminate possessory rights.

The exterior township boundaries should, at least, be extended over this region, and such portions as then appeared attractive and inhabitable should then be laid off into sections under the rectangular system, or into lots fronting on the streams, lakes, &c., under the radiating lot system.

What sum will be necessary to do this it is impossible to ascertain in advance, except by mere approximation. To extend the township lines, traverse the Gulf coast, lakes, and principal streams might cost \$12,000. To do this and then sectionize the whole, if that were practicable, would cost \$31,200. The township lines, at least, should be run. If the government, after that, did nothing more, the settlers could then, under the deposit system, at their own expense, obtain from time to time such surveys of particular localities as they were interested in. That is now practically impossible for want of township or standard lines with which to connect such special fragmentary surveys.

In the Greensburg district the only original surveying now to be done, so far as known to this office, consists in the extension of the section lines and some meanders over the whole or portions of township 5 south, range 14 east, township 6 south, ranges 14 and 15 east, and township 7 south, range 15 east. This work has been left undone by former incumbents of this office, on account, it is thought, of the difficult character of it, and the consequent indisposition of surveyors to contract for it while easier work was to be had.

I estimate that \$2,400 would enable me to have it done now at the augmented rates now allowable. Under your letters of instruction and permission of January 23, 1879, and March 1, 1879, Mr. Charles B. McManus, deputy surveyor, was appointed to examine the field work executed in the southwestern district by John P. Parsons, deputy surveyor, under his contract No. 1, of July 26, 1878, and by John Kap and J. L. Bradford, deputy surveyors, under their joint contract No. 2, of August 1, 1878. Twenty-seven townships were examined and the report filed here, and a copy of which, transmitted with the examiner's account, showed that the work had been substantially well done.

Under instructions from you of May 14, 1879 (Division E), the same examiner made a very critical examination of the suspended and unapproved work of John J. Byles, deputy surveyor, under his contract No. 6, of March 5, 1875. His report was very favorable, covering measurements and compass-testings in three townships, and as it relieved the work from the causes which had induced its suspension the field notes, after being rewritten and put in form, were approved, the plats prepared, and an approved account returned to you, with the returns of the work.

Under your instructions also of June 26, 1879, Division D, and of July 11, 1878, Division E, Mr. George K. Bradford, deputy surveyor, was specially appointed and in



structed to survey the claim of Bosra, an Indian, and the claim of Maria St. Denis, both in the Southwestern district. The surveys were made and duly returned, notes examined and approved, returns forwarded to the department, and special plats prepared as basis for patents.

## OFFICE WORK.

Nothing or little has been done in issuing certificates of location in satisfaction of the confirmed and unsatisfied private land claims in the State during the last fiscal year. Many of the parties owning such claims as have heretofore been filed for relief, and which remain unadjusted, desire this office to contract with deputies for the survey of the claims in order to indicate with certainty their respective locations, develop conflicts on the ground with other claims, or titles emanating from the United States, and thus to settle the principal doubts upon which their applications for relief have heretofore been rejected or held in suspension. As the law in such cases requires this office to survey such claims only upon orders issued by the register and receiver of the proper land office, accompanied, so far as possible, with evidence upon which they may be surveyed in conformity with the respective confirmations and connected with the contiguous claims and public surveys, and as this has not been done in a single instance, I have not thought it incumbent upon me to take further action upon these demands than to estimate, as I have done in the table of estimates herewith, for such sum as may be required in this work should the claimants during the next year perfect their application for such surveys.

An important work, finished during the last year, was the compilation of the report accompanied with a very long and minute tabular statement, exhibiting all the unconfirmed but located private land claims in the State. This work was called for by your letter of December 5, 1879, Division D, in response to a resolution of the United States Senate of December 2, 1879. The report dates the 19th February, 1880, and occupied for more than two months' time in its preparation. It exhibits by description of section, township, range, area, parish, and relative situation as to towns, rivers, &c., every private land claim in Louisiana which is located and represented upon the township maps as unconfirmed, showing in brief whatever is known to the office as to their dates of survey by the United States, and the persons claiming or occupying the lands covered by them.

It is earnestly hoped Congress will relieve the people who own these lands, as well as its officers who have to deal with the complications growing out of their anomalous condition, by the early enactment of a law incorporating the schedule and relinquishing all right to lands in favor of such persons as would, but for the title of the United States, be held to own them under the local law.

But little has been done in bringing up the long neglected arrears of office work, and I have to repeat my recommendation of former years upon this subject. Under this head I report the following done during the last fiscal year: Forty-two townships in the Greensburg district whose notes of resurvey have been transcribed and forwarded to the bureau, leaving about 718 still to be transcribed in all the districts; 24 patent plats have been prepared, mostly of claims in the Greensburg district, leaving still about 5,976 still to be prepared in all the districts.

The usual amount of miscellaneous work has been done, such as preparing contracts, with copies of maps, field notes, and special instructions thereunder, testing and tabling returns of deputies, transcribing their field notes, preparing and forwarding to the bureau accounts and returns for the same; furnishing information, copies of maps and notes, &c., to deputies, parish surveyors and others, making out swamp lists, &c.

For the fiscal year ending June 30, 1881, I hope to be able to report very considerable progress in bringing up the arrears of work upon the patent plats and transcripts of field notes, Congress having at last appropriated funds specially for these important objects.

I have the honor to be, very respectfully, your obedient servant,

O. H. BREWSTER,

*Surveyor General.*



A.—Statement of surveying contracts entered into by the surveyor general of Louisiana on account of the appropriation of \$15,000 for the fiscal year ending June 30, 1875, approved by act of Congress of June 23, 1874.

No.	Date of contract.	Name of deputy surveyor.	Locality of work.	District.	Estimated liability.	Amount paid.	Remarks.
1	July 11, 1874	John P. Parsons .....	Township 10 south, range 1 west; township 7 south, ranges 4, 5, and 6 west.	Southwestern...	\$2, 500 00	\$2, 903 17	Account closed.
2	Dec. 17, 1874	James L. Bradford ....	Triangulation to connect township lines across Atchafalaya River, township 6 south, range 5 east, and township 7 south, range 5 east.	....do .....	3, 500 00	3, 486 75	Do.
3	Dec. 21, 1874	John Deegan.....	Lake Terre Naire, township 9 north, range 7 west.	Northwestern . .	250 00	193 07	Do.
4	Jan. 21, 1875	S. P. Henry .....	Township 14 south, range 6 west; township 15 south, ranges 6 and 7 west.	Southwestern...	750 00	.....	Account closed. Deputy received draft for \$618.08 transmitted with Treasurer's letter dated July 13, 1880.
5	Jan. 26, 1875	Charles Jeff. Allison ..	Township 14 south, range 8 east, and township 15 south, range 7 east.	....do .....	1, 000 00	1, 000 20	Account closed.
6	Mar. 5, 1875	John J. Byles.....	Connections around the La. Nana grant and Ormigas, and additional surveys in townships 5 and 8 north, range 11 west, and township 8 north, range 12 west.	Northwestern . .	1, 500 00	1, 504 60	Account closed. Additional work completed, and approved diagrams and transcript transmitted; his account, amounting to \$703.27, was reduced to \$699.66, but could not be paid because the unexpended balance of the appropriation of June 23, 1874, to which it is chargeable, was carried to the surplus fund of the Treasury; said amount cannot now be reported for payment, but will be included as a claim against the United States in an estimate to be hereafter submitted to Congress for re-appropriation. See Commissioner's letter of June 7, 1880.
7	Apr. 8, 1875	James L. Bradford....	Townships 22, 23, and 24 south, ranges 33 and 34 east, South Pass.	Southeastern ...	1, 300 00	1, 300 00	Account closed.
Total .....						10, 387 79	
Appropriation as per act of Congress approved June 23, 1874 .....					15, 000 00	.....	
Balance unexpended .....						4, 612 21	
Total .....					15, 000 00	15, 000 00	

OFFICE OF SURVEYOR GENERAL, DISTRICT OF LOUISIANA,  
New Orleans, August 28, 1878.

O. H. BREWSTER,  
Surveyor General, Louisiana.



B.—Statement of surveying contracts entered into by the surveyor general of Louisiana on account of the appropriation of \$15,000 for the fiscal year ending June 30, 1876, approved by act of Congress of March 3, 1875.

No.	Date of contract.	Name of deputy surveyor.	Locality of work.	District.	Estimated liabilities.	Amount paid.	Amount deposited.	Remarks.
1	June 19, 1875	John P. Parsons and Arthur Gascon.	Township 7 south, range 3 west; township 8 east, 9 south, ranges 3, 4, 5, and 6 west.	Southwestern...	\$5,000 00	\$5,259 72	.....	Closed.
2	July 17, 1875	P. A. Thibodeaux .....	Township 18 south, ranges 21 and 22 east, and township 19 south, range 22 east.	Southeastern ...	300 00	230 15	.....	\$57.50, amount found due on settlement, was paid by draft No. 5947, received with treasurer's letter dated July 12, 1880. Account closed.
3	July 26, 1875	James L. Bradford ....	Township 4 south, ranges 1 and 2 east; township 4 south, ranges 1, 2, and 3 west, and townships 5 and 6 south, range 4 west.	Southwestern...	5,000 00	5,071 99	.....	Closed.
4	Aug. 11, 1875	.....do .....	Small island in Atchafalaya Bay .....	.....do .....	.....	.....	\$180 00	Closed.
5	Oct. 16, 1875	Henry A. Peeler .....	Township 10 north, range 5 east .....	North of Red River.	1,000 00	.....	.....	Contract canceled.
6	Feb. 6, 1876	John P. Parsons and Arthur Gascon .....	Townships 10, 11, and 12 south, range 1 east, and township 11 south, range 2 east.	Southwestern...	2,500 00	2,497 86	.....	Closed.
7	May 15, 1876	James L. Bradford ....	Townships 5 and 6 south, range 1 west, and township 5 south, ranges 2 and 3 west.	.....do .....	1,940 28	1,940 28	.....	Closed.
Excess on contract No. 1 .....					15,740 28			
Excess on contract No. 3 .....					259 72			
					71 99			
					16,171 99			
Less contract No. 5, canceled .....					1,000 00			
					15,071 99			
To reduction on contract No. 2 .....					\$69 85			
To reduction on contract No. 6 .....					2 14			
					71 99			
Total .....					15,000 00			
Appropriation as per act of March 3, 1875 .....					\$15,000 00			
Total .....					15,000 00	15,000 00		



C.—Statement of surveying contracts entered into by the surveyor general of Louisiana on account of the appropriation of \$17,500 for the fiscal year ending June 30, 1879.

No.	Date of contract.	Name of deputy surveyor.	Locality of work.	District.	Estimated liability.	Amount paid.	Remarks.
1	July 26, 1878	John P. Parsons.....	Township 7 south, ranges 12 and 13 west; township 8 south, ranges 12 and 13 west; township 9 south, ranges 10, 11, and 12 west; township 10 south, range 10 west.	Southwest.....	\$6,000 00.	\$4,980 05	Account closed.
2	Aug. 1, 1878	John Kap and James L. Bradford.	Township 1 south, ranges 1, 7, 8, and 9 west; and township 2 and 3 south, ranges 3, 4, 7, 8, and 9 west; township 4 south, range 4 west; township 6 south, range 10 west; township 7 south, ranges 8, 9, and 10 west.	.....do .....	10,000 00	10,648 17	Excess found due on settlement paid. See Treasurer's letter of June 28, 1880.
Amount balance of apportionment not reported for payment at the closing of this report.....					16,000 00	15,628.22	Excess on contract No. 1..... \$415 44
Amount retained to meet any unforeseen excess of contracts.....					1,500 00	1,871 78	Excess on contract No. 2..... 5,441 22
Total of apportionment under act of Congress approved June 20, 1878.....					17,500 00	17,500 00	5,861 66

O. H. BREWSTER,  
Surveyor General.

OFFICE OF SURVEYOR GENERAL, DISTRICT OF LOUISIANA,  
New Orleans, August 28, 1879.



D.—Statement of surveying contracts entered into by the surveyor general of Louisiana on account of the appropriation of March 3, 1879, for the fiscal year ending June 30, 1880.

No.	Date of contract.	Name of deputy surveyor.	Locality of work.	District.	Estimated liability.	Amount paid.	Amount deposited.	Remarks.
1	May 15, 1879	Arthur Gascon....	Township 6 south, ranges 7, 8, and 9 west; township 8 south, range 8 west; and township 9 south, range 3 east.	Southwestern	\$4,000 00	\$3,088 10	.....	Work completed, except township 9 south, range 3 east; notes, approved plats, and transcript transmitted. The deputy was, on his own application, relieved of that part of his contract, viz, township 9 south, range 3 east. Recontracted for same with John Kap, deputy surveyor under contract No. 7; work completed, returns made, and transcripts forwarded.
2	May 28, 1879	George K. Bradford	Township 21 south, range 23 east....	Southeastern..	500 00	521 32	.....	Plats and field notes transmitted; account closed.
3	June 3, 1879	J. L. Bradford and John Kap.	Townships 3, 4, 5, and 6 south, range 11 west; townships 5 and 6 south, range 12 west; township 5 south, ranges 8 and 9 west; and fractional townships 3 and 4 south, range 12 west, and towns'ps 5 and 6 south, range 13 west.	Southwestern	6,500 00	6,883 00	.....	Do.
4	July 15, 1879	Henry Gascon.....	Township 12 south, range 5 east.....	do .....	.....	.....	\$45 00	Canceled; contract disapproved. See letter August 12, 1879. Deposit returned with Treasurer's letter dated February 6, 1880.
5	Aug. 4, 1879	John P. Parson ...	Fractional township 11 south, ranges 11 and 12 west; fractional township 12 south, ranges 11 and 12 west; townships 10 and 11 south, range 6 west; and township 10, 11, and 12 south, range 2 east.	do .....	2,300 00	1,800 29	.....	Amount of liability reduced to \$1,800 by commissioner's letter dated August 14, 1879; plats and field notes transmitted, except in townships 10 and 11 south, range 6 west, and townships 10, 11, and 12 south, range 2 east; account closed.
6	July 31, 1879	Owen McLeran ...	Townships 8 and 9 south, range 5 east; townships 8 and 9 south, range 6 east; and the unsurveyed portions of fractional townships 10 and 11 south, range 3 east.	Southeastern..	1,200 00	1,009 78	.....	Survey completed as far as to cover townships 8 and 9 south, range 6 east; plats and field notes transmitted and account paid. The deputy was, on his own application, relieved of that part of his contract, viz, townships 8 and 9 south, range 5 east, and the time for completing the survey of the unsurveyed portion of fractional townships 10 and 11 south, range 3 east, extended to December 31, 1880.
7	Mar. 30, 1880	John Kap.....	Township 9 south, range 3 east.....	Southwestern	550 00	537 61	.....	Account closed.
To reduction of liability of contract No. 1, transferred to contract No. 7 .....					\$550 00 }	15,050 00	13,840 10	.....
To reduction of liability of contract No. 5, transferred to contract No. 5 .....					500 00 }	1,050 00	.....	.....
Total .....						14,000 00	.....	.....
Total of apportionment under act of Congress approved, \$14,000.							159 90	.....
Balance unexpended .....								.....
						14,000 00	14,000 00	.....



E.—*Estimate of funds to be appropriated for the fiscal year ending June 30, 1882, for surveying in Louisiana, for compensation of surveyor general and his clerks, and contingent expenses in his office..*

Proposed surveys and resurveys:

\$12,800 is estimated for completing the resurveys of the public lands in the southwestern district, where on account of the great lapse of time since the original surveys were made, or are supposed to have been made—viz, 1807—the old lines and corners are generally totally obliterated in the field and the disposition of land prevented by the inability of settlers and others to describe the lands desired to be entered. The number of townships falling under this head in that district is 16, and their resurvey is believed to be necessary to enable the officers of government to check the destruction of timber now going on so extensively, by enabling them to identify the land despoiled, and thus pave the way to the punishment of the offenders. This estimate is based on the rate of \$12 per mile for township lines, and \$10 for section lines, for less than which sums able and faithful surveyors cannot be obtained for Louisiana surveying .....	\$12,800 00
\$7,850 is estimated for the much needed resurveys of a few townships in the southeastern district on the Mississippi River above New Orleans, and as far up as Donaldsonville, and for the location of private land claims on the same and on the Bayou Lafourche .....	7,850 00
\$31,200 is estimated, at rates above stated, for the original township and sectional surveys in the southwestern district of the strip of country situated on the Gulf coast and south of the limit of the old surveys of 1807 and 1830. The township lines should be extended across this region to the Gulf and the lands found valuable on the ridges, bayous, and lakes within it should be surveyed under the radiating lot system. These surveys are demanded by the wants of large numbers of settlers cultivating much of this land, and by the general interests of the government and the State of Louisiana. There are believed to be 40 of these townships, in none of which any surveys have ever been made .	31,200 00
\$1,800 is estimated to finish the original survey of the public lands on the southeast pass of the Mississippi, and on the Bayou Balize, contracted for by Deputy J. L. Bradford in his contract No. 7 of April 8, 1875, but work not executed for lack of funds .....	1,800 00
\$6,000 is estimated as necessary to survey, originally, islands in the several districts, to traverse a part of Sabine River and connect the township and section lines thereon, to locate private claims in the several districts, and to finish the survey of the rich and heavily-settled townships 4 south, ranges 1 and 2 east, southwestern district, contracted to be surveyed by Deputy J. L. Bradford, in his contract No. 3 of July 26, 1875, but left unfinished by reason of insufficiency of existing appropriation .....	6,000 00
\$15,000 is the sum estimated to complete the township and subdivisional surveys and make partial resurveys, meanders of bayous, lakes, and rivers necessary to bring into market and finally adjust the rich lands covered by the Houmas grants in the southeastern district. These grants cover about 200,000 acres of the richest sugar and rice lands in the State, and the honorable Secretary of the Interior having, by his decision of May 4, 1878, declared the grants null and void, so far as they affect lands within their limits back of 42 arpents from the Mississippi River, and having directed this office to extend the public surveys over them, it remains only for the necessary funds to be appropriated, when the decision will be enforced and this long-pending controversy be put an end to. Every interest, both public and private, requires that the lands should be surveyed and placed in market, in order that this large number of settlers upon them may, in some mode consistent with law, acquire titles to their homes and improvements ....	15,000 00



\$6,000 is estimated necessary to survey and locate in the Greensburg district from 50 to 100 donation claims, confirmed for 640 acres each, to actual settlers therein, by acts of Congress of March 3, 1819, May 8, 1822, May 26, 1824, May 4, 1826, and August 6, 1846.

A large number of these unlocated and unsatisfied claims have within the last ten years been filed in this office by applicants praying relief under section 3 of the act of June 2, 1858, through the issue of land scrip for the same, and their claims being in a state of suspension here, chiefly for want of proper evidence showing the ancient locations of the claims, it will be necessary for the government, upon the filing here of orders of survey issued by the proper register and receiver, to contract with competent deputies for the work. I am informed orders of survey in such claims will be filed during this year, when the law will make it mandatory on me to make the surveys. If the work can be done by payments at the usual rates per mile, it is estimated that 8 miles of running will be the average work on each claim, which, at \$10 per mile, would cost \$80 .....

\$6,000 00

\$2,400 is estimated for the extension of the section lines and meander of Pearl River in townships 5 south, range 14 east; 6 south, ranges 14 and 15 east; and 7 south, range 15 east, in the Greensburg district, which work was left undone in the resurvey of that district as required by the act of 29th August, 1842 .....

2,400 00

\$83,050 00

*Salaries.*

Surveyor general .....		2,000 00
One chief clerk .....	\$1,800 00	
One clerk and draughtsman .....	1,800 00	
One assistant draughtsman .....	1,200 00	
		4,800 00
Ten clerks for office work in arrear to prepare plats and field notes, at \$1,000 each .....		10,000 00

*Contingent expenses.*

Stationery, binding, messenger hire, and all other incidental expenses ...	2,000 00
Total estimate of appropriation required .....	101,850 00

O. H. BREWSTER,  
*Surveyor General of Louisiana.*

OFFICE OF SURVEYOR GENERAL,  
DISTRICT OF LOUISIANA,  
New Orleans, July 31, 1880.

*H.—Report of the surveyor general of Minnesota.*

UNITED STATES SURVEYOR GENERAL'S OFFICE,  
*Saint Paul, Minn., August 28, 1880.*

SIR: In compliance with the instructions contained in your circular letter of April 5, 1880, I have the honor to submit herewith in duplicate my annual report of surveying operations in this district for the fiscal year ending June 30, 1880.

All surveys under contract at date of last annual report, and the surveys contracted for out of the apportionment made to this district for the fiscal year ending June 30, 1880, have been completed, and the field notes returned to this office. There have been surveyed during the year, 56 miles 64 chains 64 links of guide meridian lines; 34 miles 79 chains 94 links of standard parallel; 170 miles 52 chains 60 links of township lines; and 1,957 miles 30 chains 54 links of section and meander lines, the field notes of which have been examined and approved, and plats and transcripts of field notes transmitted to the General Land Office. In addition to the above there have been surveyed about 370 miles of section and meander lines, the field notes of which have been returned to this office, the plats and transcripts of which are now being made.

The surveys made during the last fiscal year were mostly in the northern portion of



the State, extending along the international boundary from the western end of Knife Lake to Loon Lake, a distance of about 75 miles on the boundary line. Most of the townships subdivided border on lakes, and also include within their limits a large number of lakes of a size to be meandered; the aggregate of meander lines run being 761 miles. The cost of surveying such townships, and the time and labor consumed in the office in the preparation of plats and making transcripts of the field notes is very great.

Duplicate plats of 25 townships and descriptive field notes of 7 townships have been made for the local land offices to supply the place of those lost or destroyed. A large amount of miscellaneous work has also been performed, of which no detailed statement can be given.

The several statements and estimates accompanying this report will exhibit the progress and present condition of the field and office work to this date, and are as follows:

A.—Statement of contracts entered into on account of the \$15,000 assigned to Minnesota for the fiscal year ending June 30, 1879, from the appropriation of \$300,000. Act of June 20, 1878.

B.—Statement of contracts entered into on account of the \$20,000 assigned to Minnesota for the fiscal year ending June 30, 1880, from the appropriation of \$300,000. Act of March 3, 1879.

C.—Statement of contracts entered into on account of the \$16,000 assigned to Minnesota for the fiscal year ending June 30, 1881, from the appropriation of \$300,000, act of June 16, 1880.

D.—Statement of contracts entered into on account of special deposits, made in conformity with section 2401 United States Revised Statutes.

E.—Statement of original commissioners and registers' plats made, and date of transmission to the general and local land offices.

E.—Statements of townships surveyed in Minnesota since last annual report, showing area and number of miles, including meanders in each, also number of miles of township lines, and total number of acres surveyed in the State.

G.—Estimates of appropriations required for continuing the public surveys in Minnesota for the fiscal year ending June 30, 1882.

H.—Statement of the amount of salaries paid surveyor general and clerks for the fiscal year ending June 30, 1880.

I.—Statement of the amount paid for incidental expenses of the office for the fiscal year ending June 30, 1880.

K.—Statement showing condition of appropriation for survey of public lands in Minnesota for the fiscal year ending June 30, 1880.

The estimate for the surveying service for the fiscal year ending June 30, 1882, is based upon the large and increasing demand for the timber lands existing in the northern part of the State, and for the lands lying contiguous to the Rainy Lake and Rainy Lake River. The surveys should be extended over this region as early as possible, that the country in the vicinity of Rainy Lake may be opened for settlement, and that the valuable timber lands may be disposed of before they are despoiled of their value by trespassers or destroyed by fires.

All of which is respectfully submitted.

J. H. STEWART,  
*Surveyor General.*

Hon. J. A. WILLIAMSON,  
*Commissioner General Land Office, Washington, D. C.*



A —Statement of contracts entered into by the surveyor general of Minnesota on account of the \$15,000 assigned to Minnesota for the fiscal year ending June 30, 1879. Appropriation of \$300,000, act of June 20, 1878.

Name of deputy.	Date of contract.	Description of work.	Estimated liability.	Amount paid	Condition of work.	Remarks.
George F. Hamilton....	May 23, 1879	Township lines between townships 150 and 151 north, range 40 west; between townships 151 and 152 north, range 41 west; between townships 153 and 154, and 154 and 155, range 43 west; between townships 155 and 156 north, range 42 west; all of the above to be run east to line of Red Lake Indian Reservation. Township line between townships 157 and 158 north, range 42 west; also, the fourteenth standard parallel from range line between ranges 42 and 43, east of said reservation boundary line. Range lines between ranges 40 and 41 west, township 151 north; between ranges 41 and 42 west, townships 152 and 157 north; between ranges 42 and 43 west, townships 153 and 155 north, to said reservation line. Subdivision of the following fractional townships, or that part thereof not included in the Red Lake Indian Reservation, viz: Township No. 150 north, range 40 west; township 151 north, range 41 west; townships 152, 156, and 157 north, range 42 west; and townships 153, 154, and 155 north, range 43 west of fifth principal meridian.	\$3, 500 00	\$3, 585 09	Survey completed and approved; plats and field notes transmitted.	Subdivision of township No. 152, range 42, was canceled, the apportionment of \$15,000 assigned to Minnesota being exhausted.

SURVEYOR GENERAL'S OFFICE, Saint Paul, Minn., August 28, 1880.

J. H. STEWART, Surveyor General.



B.—Statement of contracts entered into by the surveyor general of Minnesota on account of the \$20,000 assigned to Minnesota for the fiscal year ending June 30, 1880. Appropriation of \$300,000, act of March 3, 1879.

Name of deputy.	Date of contract.	Description of work.	Estimated liability.	Amount paid.	Condition of work.	Remarks.
Davis and Sand.....	May 29, 1879	Township lines between townships 62 and 63 north, range 1 east; between townships 63 and 64 north, range 4 east, to boundary of Pigeon River Indian Reservation. Range lines between ranges 3 and 4 east, township 63 north; and between ranges 4 and 5 east, township 63 north, to said reservation line. Subdivision of townships 62 and 63 north, range 1 east; township 63 north, ranges 2 and 3 east; townships 62, 63, and 64 north, range 4 east; and fractional township 63 north, range 5 east; being that part of the same not embraced in said reservation. All east of the fourth principal meridian.	\$4,500 00	\$4,542 09	Survey completed and approved; plats and field notes transmitted.	
William A. Kindred ...	Sept. 30, 1879	The eighth correction line from the corner of township 61 north, ranges 3 and 4 west, to the corner of township 61 north, ranges 5 and 6 west. The ninth correction line from the corner of township 65 north, ranges 7 and 8 west, to be run west to the international boundary; and from the corner of township 65 north, ranges 11 and 12 west, to be run east to the international boundary. Guide meridian between ranges 5 and 6, from the eighth correction line, north 24 miles to the ninth correction line. Township lines between townships 63 and 64 north, in ranges Nos. 6, 7, 8, 9, 10, and 11 west. Range lines between ranges 6 and 7, 7 and 8, 8 and 9, 9 and 10, and 10 and 11, in township 64 north, and between ranges 8 and 9, 9 and 10, and 10 and 11, in township 65 north. Subdivision of township 64 north, in ranges Nos. 6, 7, 8, 9, 10, and 11 west, and fractional townships 65 north, in ranges 8, 9, and 10 west of the fourth principal meridian.	7,000 00	.....	Survey completed and field notes returned to this office; diagrams, field notes of standard and township lines, and plats and field notes of township 64 north, ranges 6, 7, and 9, and township 65 north, range 9, transmitted; plats of township 64 north, ranges 8, 10, 11, and townships 65 north, ranges 8 and 10, not completed.	
George F. Hamilton....	Oct. 21, 1879	Guide meridian between ranges 11 and 12 west, from the corner to townships 60 and 61 north to the international boundary. Township lines between townships 65 and 66 north, in ranges 11, 12, and 13 west, and between townships 66 and 67, and 67 and 68 north, in ranges 13, 14, and 15 west. Range lines between ranges 12 and 13 west, in township 66 north; between ranges 13 and 14 west, in townships 66, 67, and 68 north; and between ranges 14 and 15 west, in townships 67 and 68 north. Subdivision of townships 65 and 66 north, in range 11 west; township 66 north, in range 12 west; townships 66, 67, and 68 north, in range 13 west, and townships 67 and 68 north, in ranges 14 and 15 west, of the fourth principal meridian.	6,500 00	7,904 60	Surveys completed and approved; plats and field notes transmitted.	Payment of account of \$1,123.50 for survey of township 68, ranges 13, 14, and 15, suspended; payment having previously been made to deputy exceeding the liability of his contract. (See Commissioner's letter M, of August 11, 1880.)



C.—Statement of contracts entered into by the surveyor general of Minnesota on account of the \$16,000 assigned to Minnesota for the fiscal year ending June 30, 1881. Appropriation of \$300,000, act of June 16, 1880.

Name of deputy.	Date of contract.	Description of work.	Estimated liability.	Amount paid.	Condition of work.
George R. Stuntz ....	Aug. 7, 1880	Range lines between ranges 12 and 13 in townships 61, 62, and 63, and between ranges 13 and 14 in township No. 63 north. Township lines between township 61 and 62 in range 13 west; between townships 62 and 63 and 63 and 64 in ranges 12 and 13 west. Subdivision of township No. 62 north, in range 13 west, and township No. 63 north, in ranges 12 and 13 west of the fourth principal meridian.	\$3,500 00	.....	Deputy now in the field.
George F. Hamilton..	Aug. 12, 1880	Guide meridian between ranges 19 and 20 west from the eighth correction line, north to the international boundary; the tenth correction line from the corner to townships 68 and 69, ranges 19 and 20 west, through ranges 20, 21, 22, 23, and 24. Range lines between ranges 20 and 21, 21 and 22, 22 and 23, and 23 and 24 in townships 69, 70, and 71, and between ranges 24 and 25 in townships 69 and 70; township lines between townships 69 and 70 and 70 and 71, in ranges 20, 21, 22, 23, and 24. Subdivision of townships 69, 70, and 71, in range No. 20 west, and townships No. 70 and 71, in ranges No. 21, 22, 23, and 24 west, of fourth principal meridian. Also that part of township 152 north, range 42 west, of the fifth principal meridian not included in the Red Lake Indian Reservation.	8,000 00	.....	
George F. Hamilton..	Aug. 19, 1880	Subdivision of township No. 54 north, range No. 17 west, of the fourth principal meridian.	900 00	.....	

SURVEYOR GENERAL'S OFFICE, Saint Paul, Minn., August 28, 1880.

J. H. STEWART, Surveyor General.



D.—Statement of contracts entered into by the surveyor general of Minnesota for the survey of public lands during the fiscal year ending June 30, 1880, and payable from special deposits made in conformity with section 2401 United States Revised Statutes.

Name of deputy.	Date of contract.	Description of work.	Date of deposit.	Name of depositor.	No. of certificate.	Amount deposited.	Cost of survey.	Condition of work.
George K. Stuntz..	May 22, 1880	Range lines between ranges No. 14 and 15 and 15 and 16 in townships No. 61 and 62 north. Township lines between townships No. 61 and 62 and between 62 and 63 in range No. 15 west. Subdivision of township 62 north, range No. 15 west, of the fourth principal meridian.	May 22, 1880	Z. J. Brown .....	4025	\$200 00	\$1, 598 56	Survey completed and approved. Plats and field notes transmitted.
			May 22, 1880	....do .....	4026	200 00	.....	
			May 22, 1880	....do .....	4027	100 00	.....	
			May 22, 1880	Robert Whitford..	4028	200 00	.....	
			May 22, 1880	....do .....	4029	200 00	.....	
			May 22, 1880	....do .....	4030	200 00	.....	
			May 22, 1880	George E. Wheeler.	4032	200 00	.....	
			May 22, 1880	....do .....	4033	200 00	.....	
			May 22, 1880	....do .....	4034	200 00	.....	
						1, 700 00		

SURVEYOR GENERAL'S OFFICE, *Saint Paul, Minn., August 28, 1880.*

J. H. STEWART, *Surveyor General.*



E.—Statement of original commissioner's and register's plats made, and date of transmission to the general and local land offices, since the date of last annual report.

Township.	Range.	Land district.	Original.	Commissioner's.	Date of transmission.	Register's.	Date of transmission.	Total.
<i>East of the fourth principal meridian.</i>								
62	1	Duluth .....	1	1	Feb. 18, 1880	1	Aug. —, 1880	3
63	1	do .....	1	1	Feb. 18, 1880	1	Aug. —, 1880	3
63	2	do .....	1	1	Jan. 30, 1880	1	Aug. —, 1880	3
63	3	do .....	1	1	Jan. 30, 1880	1	Aug. —, 1880	3
62	4	do .....	1	1	Jan. 30, 1880	1	Aug. —, 1880	3
63	4	do .....	1	1	Feb. 20, 1880	1	Aug. —, 1880	3
64	4	do .....	1	1	Feb. 20, 1880	1	Aug. —, 1880	3
63	5	do .....	1	1	Feb. 20, 1880	1	Aug. —, 1880	3
<i>West of the fourth principal meridian.</i>								
64	6	Duluth .....	1	1	Aug. 2, 1880	.....	.....	2
64	7	do .....	1	1	Aug. 2, 1880	.....	.....	2
64	9	do .....	1	1	May 22, 1880	.....	.....	2
65	9	do .....	1	1	May 22, 1880	.....	.....	2
65	11	do .....	1	1	May 7, 1880	.....	.....	2
66	11	do .....	1	1	June 5, 1880	.....	.....	2
66	12	do .....	1	1	May 7, 1880	.....	.....	2
66	13	do .....	1	1	June 5, 1880	.....	.....	2
67	13	do .....	1	1	June 5, 1880	.....	.....	2
68	13	do .....	1	1	Aug. 2, 1880	.....	.....	2
67	14	do .....	1	1	July 13, 1880	.....	.....	2
68	14	do .....	1	1	Aug. 2, 1880	.....	.....	2
62	15	do .....	1	1	Aug. 10, 1880	1	.....	3
67	15	do .....	1	1	July 13, 1880	.....	.....	2
68	15	do .....	1	1	Aug. 2, 1880	.....	.....	2
<i>West of the fifth principal meridian.</i>								
150	40	Crookston .....	1	1	Dec. 27, 1879	1	Jan. 30, 1880	3
151	41	do .....	1	1	Dec. 27, 1879	1	Jan. 30, 1880	3
156	42	do .....	1	1	Dec. 27, 1879	1	Jan. 30, 1880	3
157	42	do .....	1	1	Dec. 27, 1879	1	Jan. 30, 1880	3
153	43	do .....	1	1	Oct. 31, 1879	1	Jan. 30, 1880	3
154	43	do .....	1	1	Oct. 31, 1879	1	Jan. 30, 1880	3
155	43	do .....	1	1	Dec. 27, 1879	1	Jan. 30, 1880	3
Total .....			30	30	.....	16	.....	76

J. H. STEWART,  
Surveyor General.

SURVEYOR GENERAL'S OFFICE,  
Saint Paul, Minn., August 28, 1880.



F.—Statement of townships surveyed in Minnesota since last annual report, showing areas and number of miles surveyed, including meanders in each.

EAST OF THE FOURTH PRINCIPAL MERIDIAN.

Number.	Township.	Range.	Area.	Miles surveyed.		
				Miles.	Chs.	Lks.
1.....	62	1	21,331.82	76	30	82
2.....	63	1	21,660.15	76	19	79
3.....	63	2	22,287.50	66	75	57
4.....	63	3	21,923.81	68	75	99
5.....	62	4	9,864.29	35	24	27
6.....	63	4	21,884.23	61	72	29
7.....	64	4	6,012.97	25	52	82
8.....	63	5	1,582.50	3	74	05

WEST OF THE FOURTH PRINCIPAL MERIDIAN.

9.....	64	6	20,639.59	107	16	31
10.....	64	7	18,794.50	98	16	31
11.....	64	8	(*)	(*)		
12.....	65	8	(*)	(*)		
13.....	64	9	16,588.64	108	09	81
14.....	65	9	518.15	5	45	65
15.....	64	10	(*)	(*)		
16.....	65	10	(*)	(*)		
17.....	64	11	(*)	(*)		
18.....	65	11	7,303.96	97	64	06
19.....	66	11	6,284.10	59	30	93
20.....	66	12	15,221.97	78	71	54
21.....	66	13	19,927.55	107	37	92
22.....	67	13	7,088.48	83	47	72
23.....	68	13	705.50	6	59	00
24.....	67	14	19,924.40	118	40	18
25.....	68	14	3,747.75	54	18	30
26.....	62	15	13,046.08	109	40	10
27.....	67	15	14,400.71	93	54	13
28.....	68	15	2,787.85	51	30	26

WEST OF THE FIFTH PRINCIPAL MERIDIAN.

29.....	150	40	13,476.34	36	48	89
30.....	151	41	16,714.82	46	19	48
31.....	156	42	9,980.81	36	34	12
32.....	157	42	22,972.79	60	01	69
33.....	153	43	21,510.79	78	22	67
34.....	154	43	11,749.96	42	04	57
35.....	155	43	20,472.38	61	11	30
Total.....				1,957	30	54
Reservation boundary lines.....				35	17	70
Meridian and standard lines.....				91	64	58
Township lines.....				170	52	60
Grand total.....			420,404.39	2,255	05	42

\* Plats not complete.

RECAPITULATION.

Number of acres surveyed since last report.....	424,404.39
Number of acres previously reported.....	40,053,639.83
Total number of acres surveyed to date.....	40,474,044.22

J. H. STEWART,  
Surveyor General.

SURVEYOR GENERAL'S OFFICE,  
Saint Paul, Minn., August 28, 1880.



G.—*Estimates of appropriations required for continuing the public surveys in Minnesota for the fiscal year ending June 30, 1882.*

*For field work.*

For extending guide meridian and correction lines, 125 miles, at \$16 per mile.	\$2,000 00
For running 600 miles of township lines, at \$14 per mile .....	8,400 00
For subdividing 50 townships, estimated 4,000 miles, at \$10 per mile .....	40,000 00
Total for field work .....	50,400 00

*Salaries.*

For salary of surveyor general .....	2,000 00
For salary of chief clerk .....	1,500 00
For salary of three draughtsmen .....	3,600 00
For salary of three transcribing clerks .....	3,400 00
Total for salaries .....	10,500 00

*Incidentals.*

For pay of messenger, books, printing, binding, stationery, and other necessary expenses .....	1,500 00
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J. H. STEWART,  
Surveyor General.

SURVEYOR GENERAL'S OFFICE,  
Saint Paul, Minn., August 28, 1880.

H.—*Statement showing the amount of salaries paid surveyor general and clerks for the fiscal year ending June 30, 1880.*

DR.			CR.		
Date.		Amount.	Date.		Amount.
1879.			1879.		
Sept. 30	To salaries first quarter...	\$1,575 00	June 21	By appropriation .....	\$7,000 00
Dec. 31	To salaries second quarter.	1,575 00			
1880.					
March 31	To salaries third quarter ..	1,957 50			
June 30	To salaries fourth quarter.	1,891 49			
	Balance returned United States Treasury .....	1 01			
		7,000 00			7,000 00

J. H. STEWART,  
Surveyor General.

SURVEYOR GENERAL'S OFFICE,  
Saint Paul, Minn., August 28, 1880.

I.—*Statement of the amount paid for the incidental expenses of the office for the fiscal year ending June 30, 1880.*

DR.			CR.		
Date.		Amount.	Date.		Amount.
1879.			1879.		
Sept. 30	For the first quarter .....	\$308 87	March 3	By appropriation .....	\$1,500 00
Dec. 31	For the second quarter....	373 61			
1880.					
March 31	For the third quarter .....	337 34			
June 30	For the fourth quarter ....	309 24			
	Balance returned United States Treasury .....	170 94			
		1,500 00			1,500 00

J. H. STEWART,  
Surveyor General.

SURVEYOR GENERAL'S OFFICE,  
Saint Paul, Minn., August 28, 1880.



K.—Statement showing condition of appropriation for survey of public lands in Minnesota for the fiscal year ending June 30, 1880.

DR.			CR.		
Date.		Amount.	Date.		Amount.
1880.			1879.		
Jan. 20	To Davis & Lund.....	\$2, 090 86	March 3	By appropriation, amount assigned to Minnesota April 15, 1879.....	\$20, 000 00
Feb. 9	To William A. Kindred...	581 47			
Feb. 18	To Davis & Lund.....	1, 536 33			
Feb. 20	.....do.....	914 90			
March 27	To William A. Kindred...	1, 239 65			
April 7	To George F. Hamilton...	1, 531 27			
May 6	.....do.....	1, 746 95			
May 22	To William A. Kindred...	1, 136 93			
June 5	To George F. Hamilton...	2, 504 57			
July 13	.....do.....	2, 121 81			
Aug. 2	To William A. Kindred...	2, 056 37			
	Balance to be applied on surveys executed by William A. Kindred.....	2, 538 89			
		20, 000 00			20, 000 00

J. H. STEWART,  
Surveyor General.

SURVEYOR GENERAL'S OFFICE,  
Saint Paul, Minn., August 28, 1880.

I.—Report of the surveyor general of Montana.

UNITED STATES SURVEYOR GENERAL'S OFFICE,  
Helena, Mont., September 2, 1880.

SIR: In compliance with instructions in your letter dated April 5, 1880, I have the honor to submit my annual report of the surveying operations in this district, with accompanying statements, for the fiscal year ending June 30, 1880, as follows:

SURVEYS.

The following standard and meridian lines have been established during the fiscal year, viz:

The first standard parallel north through ranges Nos. 39, 40, 41, 42, 43, 44, 45, 46, 47, and 48 east.

The second standard parallel north through a portion of range No. 7 east.

The third standard parallel north through ranges Nos. 11, 12, and 13 east, and a portion of range No. 20 west.

The first standard parallel south through ranges Nos. 10, 11, 12, 13, and 14 west.

The second standard parallel south through a portion of range No. 12 west, and ranges Nos. 13 and 14 west.

The Porcupine guide meridian through township No. 5 north, between ranges Nos. 40 and 41 east.

The Tongue River guide meridian through townships Nos. 5 and 6 north, between ranges Nos. 48 and 49 east.

The Big Hole guide meridian through townships Nos. 10, 9, 8, 7, and 6 south, between ranges Nos. 14 and 15 west.

The townships subdivided during the fiscal year are those in the valley of the Yellowstone River, between Big Horn and Tongue Rivers; in the valley of Tongue River; in the valley of Horse Prairie Creek, near Bannack; and some timber lands west of the Bitter Root River.

The exterior boundaries of forty townships, consisting of coal lands along the valley of the Yellowstone River, agricultural and timber lands in and near the Judith Basin, and mineral and timber lands in Beaver Head County, have been run.

In addition to this, two town sites—Glendale and Highland Park, both in Beaver Head County—have been surveyed.

The total cost of surveys, including the standard and meridian lines, and exterior boundaries of townships, was \$14,979.42; the expense of inspecting surveys \$1,121.61; and office expenses, including salaries, \$7,249.65. Debiting the land subdivided with the entire expense the cost will be about as follows:

Field work, four and three-tenths cents per acre; inspecting same, three mills per



acre ; office work on same, two cents per acre ; and the total expense to the government, six and six-tenths cents per acre.

As shown above the total expenditure for surveys in this district for the fiscal year amounted to \$23,350.68. The receivers of the Helena and Bozeman land districts inform me that, during the same period, the *net* cash receipts for entry and sale of lands in Montana amounted to \$44,464.99, an excess of \$21,114.31 over cost of surveys.

My views in relation to public surveys have been fully set forth in previous annual reports, and my recommendations that the rate for surveys should be increased, and the same rate allowed for meander as for standard lines have been adopted. This action, although accompanied by the imposition of new duties upon the deputies, gives them a fair compensation for their work, and leaves them no grounds for complaint.

Other changes are desirable to perfect the service, and I again respectfully invite your attention to some of them, trusting that they will receive your indorsement, and the necessary legislation may be had to carry them into effect.

The regulations requiring the survey of all lines to be discontinued at the points of their intersection with Indian or military reservations should be modified, and base, standard, and meridian lines should be run over such reservations, in order to secure a more perfect uniformity in the public surveys.

Mineral timber lands should be subdivided so that the owners of mines and mills could have the opportunity to purchase same. Such lands now yield nothing to the government except the small amounts paid for the areas of mineral claims contained therein.

Pastoral lands should be subdivided and sold in large bodies at reduced rates, but the laws and regulations governing the sale of such lands should be carefully drawn to protect the rights and interests of men of small capital who wish to settle upon the public lands. The danger is that one man, or a corporation, may acquire title to the entire valley of a small stream, thus preventing settlement, and rendering large tracts of adjoining pastoral lands useless to all others, while such man or corporations would have the full benefit of such lands without making any payment to the government therefor.

#### INSPECTION OF SURVEYS.

Three inspections of surveys in the field have been made during the fiscal year ; one by the late Mr. Edward B. Bonnell, then chief clerk of this office, of the work of Deputy-Surveyors de Lacy and McFarland, in the Yellowstone Valley, and two by myself, of Deputy Surveyor Page's work in the Bitter Root Valley, and Deputy Surveyor McFarland's work in the Judith Basin.

It was found that the surveys had been well and faithfully executed, and the information and knowledge of the country gained in these trips have been of great value in determining the locus of future surveys. In my judgment no expenditure in connection with the public surveys is more valuable to the service than the small amounts required for such inspections, and, whenever possible, the work under each contract should be inspected by the surveyor general in person, or by some competent deputy appointed by him.

#### MINERAL SURVEYS.

During the past fiscal year seventy-eight surveys of lode and placer claims have been returned to this office, worked up, and approved ; and 150 orders for survey of mineral claims issued to deputy mineral surveyors. The amount of deposits made for office work on mineral claims was \$4,460, and amount paid to clerks from that fund was \$2,617.78.

At the time I entered upon my official duties—October 8, 1877—the special deposit fund had been overdrawn, the deficiency amounting to \$1,816.03 at the close of the previous fiscal year. This deficiency has been steadily diminished, and, at the close of the last fiscal year, the balance to the credit of this office in said fund was \$1,291.26. This gratifying result has been attained by the performance of much extra work by myself and the other gentlemen connected with this office.

The spirit of the laws and instructions governing the survey and sale of mineral claims is that all expenses connected with same should be paid by the claimants. In view of this fact, I respectfully submit the following recommendations, and most earnestly request that you will give them your official indorsement, if action on the part of Congress is necessary to carry them into effect ; and, if otherwise, and the power is vested in you, that you will comply with same. I have long held the views contained therein, but on account of the legacy of debt bequeathed to me by my predecessor, have not felt disposed to urge them in my previous annual reports.

Payment for all mineral plats, field note books, and blank forms used for mineral work should be made from the fund of special deposits, and not from the regular appropriation for incidental expenses.

Surveyors general should receive a fee of at least five dollars for each mineral claim examined and passed upon by them, whether approved or rejected. Such fees should



be paid from special deposit fund, and the vouchers for same should specify in detail the claims examined. Judging from my personal experience, I can say that no work connected with the surveying service requires more care and personal attention of the surveyors general than that pertaining to mineral surveys. As no difference is made in the compensation of surveyors general in charge of districts where large numbers of mineral claims are surveyed and those in charge of districts where no mineral claims are surveyed, the justice of allowing this additional compensation, which entails no expense upon the government, seems to me obvious, and to need no argument.

#### OFFICE WORK.

A detailed statement of the work performed in this office during the fiscal year is given in Exhibit Q, and in addition to this, much time and labor has been spent in filing, indexing, and arranging the records, and other work that cannot well be classified. Many of the townships subdivided border on the Yellowstone River, and contain a very large number of fractional lots. The time and labor consumed in the office work on such townships is from four to ten times as great as that required for an ordinary township. Each and every survey, both agricultural and mineral, has been personally examined by me, and the work was completed as rapidly as was consistent with the thorough and careful manner in which it was performed.

#### STATEMENTS.

The following statements are transmitted as a part of this report, viz:

A.—Showing condition of appropriation for surveys of public land in the Territory of Montana during the fiscal year ending June 30, 1880.

B.—Showing amount of special deposits for office work on mining claims in Montana for the fiscal year ending June 30, 1880.

C.—Showing description of public land surveyed in Montana during the fiscal year ending June 30, 1880.

D.—Showing condition of the public surveys contracted for by the surveyor general for Montana Territory, under appropriation by Congress, for the fiscal year ending June 30, 1880.

E.—Showing condition of the public surveys contracted for by the surveyor general for Montana Territory during the fiscal year ending June 30, 1880, and payable from the funds of special deposits by individuals.

F.—Showing condition of appointments made for the survey of mineral claims in Montana, under acts of Congress, during the fiscal year ending June 30, 1880.

G.—Showing the description of land for which township plats and descriptive lists have been furnished the Helena land office during the fiscal year ending June 30, 1880.

H.—Showing the condition of the appropriation for salaries in the office of the surveyor general for Montana for the fiscal year ending June 30, 1880.

I.—Showing the condition of the appropriation for incidental expenses for the office of the surveyor general for Montana for the fiscal year ending June 30, 1880.

J.—Showing the condition of the account of special deposits for office work on mining claims in the office of the surveyor general for Montana during the fiscal year ending June 30, 1880.

K.—Showing the number of plats made in the office of the surveyor general for Montana during the fiscal year ending June 30, 1880.

L.—Showing the number of acres of public land surveyed in Montana from the inception of surveys to the close of the fiscal year ending June 30, 1880.

M.—Showing the number of linear miles run, the rate per mile, and the total cost of surveys in the Territory of Montana during the fiscal year ending June 30, 1880.

N.—Giving names, nativity, &c., of the surveyor general and the employés in his office at Helena, Mont., during the fiscal year ending June 30, 1880.

O.—Showing the special deposits by individuals for the survey of public land, other than mineral, in Montana, during the fiscal year ending June 30, 1880.

P.—Showing the number of letters recorded in the office of the surveyor general for Montana during the fiscal year ending June 30, 1880.

Q.—Showing the work performed in the office of the surveyor general for Montana during the fiscal year ending June 30, 1880.

R.—Estimate for surveying services and office expenses in the district of Montana for the fiscal year ending June 30, 1882.

S.—Record of temperature at Helena, Mont., from July, 1879, to June, 1880, both inclusive, taken at the office of the surveyor general for Montana.

#### ESTIMATES.

My estimate for field work is based upon my personal knowledge and observation of the needs of settlers in this surveying district, as well as upon the reports made by



deputy surveyors, and requests for surveys from settlers. The immigration to this Territory during the past two years has been very large, is constantly increasing, and a very large proportion of the new comers settle upon the public lands. As stated in my last annual report, I am aware of the fact that estimates are often made larger than the necessities of the case require, for the reason that they are usually cut down by the Committee on Appropriations, but I beg leave to state in the most emphatic manner possible that my estimate is simply for the amount actually needed, and most earnestly request that you will give it your official indorsement.

After an experience of nearly three years in charge of this surveying district, during which time I have spent months in the field and traveled thousands of miles in inspecting surveys, I am more than ever convinced of the importance of such inspections being made whenever practicable by the surveyor general in person, and also of the great advantage to the settlers and the government of preliminary observations for the purpose of establishing the *locus* of future surveys, and earnestly hope that this item may be allowed.

My estimate for my own salary is for the amount fixed by law, to which, I believe, I am legally entitled. Even that amount is not a fair compensation for the labor and responsibilities required in this office. After nearly three years of faithful service, during which time I have performed not only all of the duties required of me by law and instructions, but also much additional clerical labor in order to expedite the transaction of public business, my salary has been reduced—presumably as a *reward of merit*. While I have very little hope or expectation that anything which I may say will have the slightest effect, I trust that I may be allowed to suggest to the abstract power which governs such matters, in the most respectful manner possible under the circumstances, that such actions do not tend to increase the efficiency of the public service, or promote feelings of enthusiastic devotion to same in the minds of public servants.

The amounts appropriated for clerk hire for the past three fiscal years have been totally inadequate. The gentlemen employed in this office have shown a very commendable interest in their work, and have, without exception, often worked evenings as well as after office hours during the day, for which extra time they have received no compensation. Every possible effort has been made to complete the work pertaining to the last fiscal year within the year, but it is now largely in arrears. The following are the principal items of the unfinished work at the close of the fiscal year: Plats of 24 townships for General Land Office; plats of 11 townships for local United States land offices; plats of 20 townships (original) for this office; transcripts of field notes of 20 townships for General Land Office; descriptive lists of corners of 7 townships for local United States land offices; descriptive lists of soil, timber, &c., of 7 townships for local United States land offices, besides a large amount of general and miscellaneous work in filing, indexing, and completing the records of this office for the past fiscal year.

If my estimate for field work is allowed, the services of all the clerks provided for in my estimate for office work will be necessary; if otherwise, the number can be proportionately reduced. In either case, however, the services of the two general clerks will be necessary, if it is desired to have the records of this office complete from the date of its establishment.

The estimate for incidental expenses is for the same amount heretofore appropriated, which is barely sufficient to cover the actual necessary expenses.

I again most respectfully and earnestly call your attention to the absolute necessity for the small appropriation asked for the preservation of the original records of this office. Although the utmost care is used in handling the plats and field notes of surveys in this district, it is only a question of time when, if the necessary precautions are not taken for their preservation, the earliest records of this office will become totally defaced.

#### AGRICULTURE.

At this date I am unable to give exact amount of acres under cultivation in Montana, but there has been a small increase over the area so used at the date of my last annual report. The supply of agricultural products is now limited by the local demand, but whenever direct railroad communication is established, large tracts of land, now considered almost worthless, will be placed under cultivation, and Montana will take her rank among the foremost of the wheat-producing districts of the country.

#### PLACER MINES.

There has been a marked decrease in the yield from placer mines during the past fiscal year, although the product is estimated at about one million dollars. Many of the old locations have been worked out, and although new discoveries have been reported in various portions of Montana, the development of the same has not progressed sufficiently to prove their permanence or value.



## GOLD LODES.

The decrease in the yield of placer mines has been more than compensated for by the large increase in the product of gold lodes. Several new and rich discoveries have been made during the past fiscal year, work on these and older locations has steadily progressed, several new mills have been started, and this branch of mining may now be said to have taken its place as one of our permanent and best-paying industries. To give names, locations, and products of the principal gold lodes would require more time and space than is at my disposal.

## SILVER LODES.

The most reliable estimates place the increase in the product of silver lodes at one-half million dollars. A large amount of capital has been invested in silver mining during the past fiscal year, many valuable lodes have passed into the hands of parties who can and will develop them, old works have been enlarged, and many new ones established, and a steady and permanent increase in the yield of silver in this Territory can be confidently predicted.

## COPPER AND LEAD.

Large bodies of these ores exist in various parts of Montana, but, except those carrying a high percentage of silver, cannot now be profitably mined or worked. In the near future, however, the value of the product of these ores will constitute an important item in the exports from this Territory.

## COAL AND IRON.

Very little work has been done upon coal and iron mines. These also will constitute an important factor in the future mineral wealth of Montana, and whenever a demand arises, the supply will be found to be practically inexhaustible.

## SHIPMENTS OF GOLD AND SILVER.

The most reliable estimates place the value of the export of precious metals during the past fiscal year, inclusive of that contained in base bullion and ores, as follows:

Gold.....	\$3,000,000
Silver .....	3,000,000
Total value of shipments.....	6,000,000

During the same period the United States assay office at Helena, Mont., handled:

Gold.....	\$473,532 96
Silver .....	61,068 23
Total. ....	534,601 19

## STOCK.

The number and value of the stock assessed in Montana during the Territorial fiscal year ending December 31, 1879, is as follows:

	Number.	Value.
Horses .....	44,416	\$1,512,089
Mules and asses.....	1,559	119,281
Sheep .....	168,891	461,852
Cattle .....	263,788	3,088,107
Hogs .....	8,748	39,011
Total .....	487,402	5,220,340

showing an increase in number of 119,720, and in value of \$1,064,954 over the previous year.

The past winter was a very severe one, and heavy losses were sustained in cattle and sheep in all parts of the Territory. Stock men, too, often neglect the proper precautions for the care of cattle and sheep. In perhaps four winters out of five stock need no protection, and come out in the spring in good condition, but when the severe winter does come, the man who has made no provision for food and shelter for his cattle or sheep is liable to lose all he has previously gained. It is probable that the above figures are a fair estimate of the number and value of stock now in Montana.



POPULATION.

The total population of Montana by the last census returns is 39,191, an increase of 18,596 over that of 1870. From that date, however, until 1875, the population steadily decreased, and it can be fairly estimated that at least 10,000 of the increase has been gained within the last two fiscal years.

CONCLUSION.

Since the date of my last annual report the Utah Northern Railroad has crossed the main range of the Rocky Mountains, is within our southern borders, and uninterrupted transportation for passengers and freight at all seasons of the year is now assured. The Northern Pacific Railroad has passed our eastern boundary, and is being rapidly pushed from the west towards us. Its passage through Montana and completion will give us direct communication east and west, ample transportation for ores, bullion, cattle, and wheat, and insure the rapid and permanent development of all our natural resources. I believe that the great majority of our people agree with me in the wish and hope that Congress will extend the time for its completion, thus securing to it the land grant, and to us and the country generally far greater benefits.

I am unwilling to close this report without a tribute to the memory of the late Mr. Edward B. Bonnell, formerly chief clerk of this office, who died of consumption February 9, 1880. Mr. Bonnell came to Montana in 1874, and from that time until his death was engaged in the surveying service, having executed several contracts in the field and filled every position in the clerical force in this office. Modest and retiring in disposition, he was a man of untiring energy and sterling integrity, and the records of this office will long bear witness to the thorough, careful, and conscientious manner in which he performed the duties intrusted to him.

Very respectfully, your obedient servant,

ROSWELL H. MASON,  
*United States Surveyor General for Montana.*

Hon. J. A. WILLIAMSON, *Commissioner.*

A.—Statement showing condition of appropriation for surveys of public land in the Territory of Montana during the fiscal year ending June 30, 1880.

DR.				CR.		
No. of contract.	Date of accounts.	Contractors.	Amount.	Date.		Amount.
	1879.			1879.		
86	Dec. 6	Demas L. McFarland .....	\$990 87	Apr. 28	By appropriation, act of	
87	Dec. 22	Walter W. de Lacy .....	413 74		March 3, 1879 .....	\$14,000 00
	1880.				By deficiency .....	571 16
86	Jan. 28	Demas L. McFarland .....	856 97			
88	Feb. 16	James M. Page .....	2,162 23			
87	Mar. 13	Walter W. de Lacy .....	1,127 00			
86	April 12	Demas L. McFarland .....	1,606 73			
87	June 29	Walter W. de Lacy .....	1,963 58			
87	July 12	.....do .....	553 83			
88	July 19	James M. Page .....	1,984 92			
92	July 30	Demas L. McFarland .....	321 90			
92	Aug. 12	.....do .....	1,343 35			
93	Sept. 1	Walter W. deLacy .....	1,246 04			
			14,571 16			14,571 16

ROSWELL H. MASON,  
*United States Surveyor General for Montana.*



## B.—Statement of special deposits for office work on mining claims in Montana for the fiscal year ending June 30, 1880.

Name of deputy.	Date of appointment.	Name of depositors.	Number of survey.	Amount of deposit.*	Number of certificate of deposit.	Date of certificate of deposit.	Number of lot.	Location of survey.	
								Township.	Range.
Benjamin F. Marsh	Aug. 6, 1872	Mary Wyman	713	\$30	294	July 2, 1879	45	12 north	9 west.
Demas L. McFarland	June 22, 1874	Geo. W. Beal <i>et al</i>	334	5	295	July 5, 1879	43	3 north	10 west.
George B. Foote	Dec. 19, 1872	John T. Conner	714	25	296	July 8, 1879	44	7 north	5 west.
Do	Dec. 19, 1872	do	715	25	297	July 8, 1879	45	7 north	5 west.
Thomas T. Baker	Dec. 15, 1877	John P. Reins <i>et al</i>	716	30	298	July 11, 1879	128	3 north	8 west.
George B. Foote	Dec. 19, 1872	Amos H. Moulton <i>et al</i>	718	30	299	July 21, 1879	57	7 north	4 west.
Thomas T. Baker	Dec. 15, 1877	George W. Farlin	720	30	300	July 23, 1879	129	3 north	8 west.
Do	Dec. 15, 1877	Nephi Packard <i>et al</i>	719	15	301	July 26, 1879	56 A and B	3 north	8 west.
Albert B. Knight	July 19, 1875	James D. Heald <i>et al</i>	721	40	302	July 26, 1879	41	5 south	4 west.
Thomas T. Baker	Dec. 15, 1877	Caleb W. Calkins <i>et al</i>	722	30	303	July 26, 1879	39	4 north	7 west.
Do	Dec. 15, 1877	John McLaggan	723	30	304	July 26, 1879	130	3 north	8 west.
Albert B. Knight	July 19, 1875	Thaddeus S. Hamilton <i>et al</i>	724	25	305	July 28, 1879	38 A	3 south	4 west.
Do	July 19, 1875	do	725	25	305	July 28, 1879	39 A	3 south	4 west.
Do	July 19, 1875	do	726	25	305	July 28, 1879	40 A	3 south	4 west.
Do	July 19, 1875	do	727	25	305	July 28, 1879	41	3 south	4 west.
Thomas T. Baker	Dec. 15, 1877	George W. Farlin <i>et al</i>	728	30	306	July 30, 1879	131	3 north	8 west.
George B. Foote	Dec. 19, 1872	The Montana Company	729	30	307	Aug. 4, 1879	58	7 north	4 west.
Do	Dec. 19, 1872	do	730	30	307	Aug. 4, 1879	59	7 north	4 west.
Do	Dec. 19, 1872	do	731	30	307	Aug. 4, 1879	60	7 north	4 west.
Do	Dec. 19, 1872	do	732	30	307	Aug. 4, 1879	61	7 north	4 west.
Do	Dec. 19, 1872	do	733	40	307	Aug. 4, 1879	62	7 north	4 west.
Do	Dec. 19, 1872	do	734	40	307	Aug. 4, 1879	63 A and B	7 north	4 west.
George F. Marsh	Oct. 25, 1877	John Downs <i>et al</i>	735	30	308	Aug. 6, 1879	68 and 132	3 north	7 and 8 west.
George B. Foote	Dec. 19, 1872	T. H. Kleinschmidt <i>et al</i>	717	40	309	Aug. 6, 1879	45	9 north	3 west.
Albert B. Knight	July 19, 1875	William Tiernan	736	30	310	Aug. 6, 1879	38	4 south	3 and 4 west.
George B. Foote	Dec. 19, 1872	The Algonquin Company	737	30	311	Aug. 14, 1879	42	5 south	4 west.
Thomas T. Baker	Dec. 15, 1877	Hecla Consolidated Mining Company	738	25	312	Aug. 18, 1879	62	7 north	13 west.
Albert B. Knight	July 19, 1875	Thaddeus S. Hamilton <i>et al</i>	724	5	313	Aug. 18, 1879	60	3 south	11 west.
Do	July 19, 1875	do	725	5	313	Aug. 18, 1879	38 B	3 south	4 west.
Do	July 19, 1875	do	726	5	313	Aug. 18, 1879	39 B	3 south	4 west.
George B. Foote	Dec. 19, 1872	The Algonquin Company	739	25	314	Aug. 20, 1879	40 B	3 south	4 west.
Benjamin F. Marsh	Aug. 6, 1872	Wm. A. Chessman	740	30	315	Aug. 25, 1879	63	7 north	13 west.
George B. Foote	Dec. 19, 1872	The Montana Company	741	30	316	Aug. 28, 1879	81	8 north	5 west.
George F. Marsh	Oct. 25, 1877	Hugh T. Murray <i>et al</i>	742	30	317	Aug. 28, 1879	64 A and B	7 north	4 west.
Do	Oct. 25, 1877	do	743	30	317	Aug. 28, 1879	64	7 north	13 west.
							65	7 north	13 west.



Do	Oct. 25, 1877	do	744	30	317	Aug. 28, 1879	66	7 north	13 west.
Do	Oct. 25, 1877	James H. Brown <i>et al</i>	745	30	318	Sept. 4, 1879	133	3 north	8 west.
Thomas T. Baker	Dec. 15, 1877	William McDermott <i>et al</i>	746	30	319	Sept. 5, 1879	69	3 north	7 west.
Benjamin F. Marsh	Aug. 6, 1872	James King	747	30	320	Sept. 10, 1879	56	10 north	2 east.
Albert B. Knight	July 19, 1875	Peter V. Jackson	748	25	321	Sept. 16, 1879	40	3 south	1 west.
Do	July 19, 1875	Thomas Carman	749	25	322	Sept. 17, 1879	40	2 south	3 west.
Do	July 19, 1875	Peter V. Jackson	748	5	323	Sept. 23, 1879	40	3 south	4 west.
Thomas T. Baker	Dec. 15, 1877	Marcus Daly <i>et al</i>	750	30	324	Sept. 24, 1879	37	15 north	24 west.
Germaine A. Kellogg	Nov. 24, 1876	John Lehso <i>et al</i>	751	35	325	Sept. 25, 1879	37	12 north	14 west.
Benjamin F. Marsh	Aug. 6, 1872	Robert S. Hale	752	30	328	Oct. 2, 1879	82	8 north	5 west.
Germaine A. Kellogg	Nov. 24, 1876	Wm. L. Irvine <i>et al</i>	753	30	329	Oct. 6, 1879	134	3 north	8 west.
Thomas T. Baker	Dec. 15, 1877	Hugh B. McCleery <i>et al</i>	754	30	330	Oct. 14, 1879	70 and 135	3 north	7 and 8 west.
Germaine A. Kellogg	Nov. 24, 1876	Fred. Eggers <i>et al</i>	755	35	2859	Oct. 16, 1879	38 A, B, and C	11 north	14 west.
Benjamin F. Marsh	Aug. 6, 1872	John Mantle <i>et al</i>	756	30	331	Oct. 17, 1879	44	6 north	5 west.
George B. Foote	Dec. 19, 1872	James K. Pardee	757	25	332	Oct. 20, 1879	67	7 north	13 west.
Do	Dec. 19, 1872	James K. Pardee <i>et al</i>	758	25	332	Oct. 20, 1879	68	7 north	13 west.
John M. Marsh	Mar. 15, 1879	Patrick A. Largey	759	30	335	Oct. 24, 1879	136	3 north	8 west.
Albert B. Knight	July 19, 1875	Edward G. Herendeen	760	25	336	Oct. 27, 1879	51	7 south	3 west.
Do	July 19, 1875	do	761	30	336	Oct. 27, 1879	52	7 south	3 west.
Thomas T. Baker	Dec. 15, 1877	Leopold F. Schmidt <i>et al</i>	764	30	337	Nov. 1, 1879	137	3 north	8 west.
Benjamin F. Marsh	Aug. 6, 1872	Calvin M. McDaniel <i>et al</i>	765	25	338	Nov. 13, 1879	83	8 north	5 west.
Do	Aug. 6, 1872	do	766	30	338	Nov. 13, 1879	84 A and B	8 north	5 west.
Do	Aug. 6, 1872	Elijah M. Dunphy	767	30	339	Nov. 19, 1879	84	9 north	4 west.
Do	Aug. 6, 1872	Peter S. Nelson <i>et al</i>	768	30	340	Nov. 21, 1879	65	7 north	4 west.
Thomas T. Baker	Dec. 15, 1877	Solon Johnson <i>et al</i>	769	30	341	Nov. 28, 1879	71 and 138	3 north	7 and 8 west.
Do	Dec. 15, 1877	Robert W. Donnell <i>et al</i>	770	30	342	Nov. 29, 1879	139	3 north	8 west.
Benjamin F. Marsh	Aug. 6, 1872	George H. Piatt <i>et al</i>	762	25	343	Dec. 1, 1879	85	8 north	5 west.
Do	Aug. 6, 1872	do	763	25	343	Dec. 1, 1879	86	8 north	5 west.
Thomas T. Baker	Dec. 15, 1877	Philip Knabe	771	25	344	Dec. 1, 1879	44	1 south	11 west.
Do	Dec. 15, 1877	Wm. A. Clark <i>et al</i>	772	30	345	Dec. 2, 1879	140	3 north	8 west.
John M. Marsh	Mar. 15, 1879	Henry S. Clark <i>et al</i>	773	30	346	Dec. 4, 1879	141	3 north	8 west.
Do	Mar. 15, 1879	Patrick O'Donnell <i>et al</i>	774	30	347	Dec. 5, 1879	142	3 north	8 west.
George B. Foote	Dec. 19, 1872	Cole Saunders	775	30	348	Dec. 15, 1879	47	9 north	3 west.
Do	Dec. 19, 1872	do	776	40	348	Dec. 15, 1879	45	9 north	8 west.
Thomas T. Baker	Dec. 15, 1877	Hecla Consolidated Mining Company	778	25	349	Jan. 5, 1880	46	1 south	8 west.
Do	Dec. 15, 1877	do	779	25	349	Jan. 5, 1880	41	2 south	3 west.
Albert B. Knight	July 19, 1875	Henry Elling	780	25	350	Jan. 26, 1880	42	2 south	3 west.
Do	July 19, 1875	do	781	25	350	Jan. 26, 1880	43	2 south	3 west.
Do	July 19, 1875	Henry Elling <i>et al</i>	782	25	351	Jan. 26, 1880	43	2 south	3 west.
John M. Marsh	Mar. 15, 1879	Silas F. King <i>et al</i>	783	30	354	Feb. 16, 1880	72 and 143	3 north	7 and 8 west.
Do	Mar. 15, 1879	Silas F. King	784	30	355	Feb. 16, 1880	144	3 north	8 west.
Thomas T. Baker	Dec. 15, 1877	James Touhy	785	30	356	Feb. 16, 1880	73	3 north	7 west.
Do	Dec. 15, 1877	Wm. McNamara <i>et al</i>	786	30	357	Feb. 19, 1880	146	3 north	8 west.
John M. Marsh	Mar. 15, 1879	Wm. H. Young <i>et al</i>	787	30	358	Feb. 23, 1880	145	3 north	8 west.
George B. Foote	Dec. 19, 1872	Joseph O'Neill <i>et al</i>	788	40	359	Feb. 28, 1880	53	10 north	4 west.
John M. Marsh	Mar. 15, 1879	Charles S. Warren <i>et al</i>	789	30	360	Mar. 1, 1880	74 and 147	3 north	7 and 8 west.
Do	Mar. 15, 1879	John Noyes <i>et al</i>	647	20	361	Mar. 8, 1880	103 A	3 north	8 west.
Germaine A. Kellogg	Nov. 24, 1876	Henry Jacobs <i>et al</i>	790	30	362	Mar. 15, 1880	148	3 north	8 west.
Thomas T. Baker	Dec. 15, 1877	Myron Hutchinson	791	30	363	Mar. 15, 1880	149	3 north	8 west.
John M. Marsh	Mar. 15, 1879	John M. Steward <i>et al</i>	792	30	364	Mar. 23, 1880	150	3 north	8 west.

\* Deposited in the First National Bank of Helena, Montana.



B.—Statement of special deposits for office work on mining claims in Montana for the fiscal year ending June 30, 1880—Continued.

Name of deputy.	Date of appointment.	Names of depositors.	Number of survey.	Amount of deposit.*	Number of certificate of deposit.	Date of certificate of deposit.	Number of lot.	Location of survey.	
								Township.	Range.
Thomas T. Baker .....	Dec. 16, 1877	W. Egbert Smith <i>et al.</i> .....	793	\$30	365	Mar. 23, 1880	75	3 north.....	7 west.
John M. Marsh .....	Mar. 15, 1879	George C. Fitschen <i>et al.</i> .....	794	30	366	Mar. 29, 1880	151	3 north.....	8 west.
Thomas T. Baker .....	Dec. 15, 1877	Michael Hickey <i>et al.</i> .....	795	30	367	Mar. 29, 1880	76 and 152	3 north.....	7 and 8 west.
Do .....	Dec. 15, 1877	Samuel B. Larmour <i>et al.</i> .....	796	30	368	Apr. 1, 1880	153	3 north.....	8 west.
Albert B. Knight .....	July 19, 1875	Edward B. Covely <i>et al.</i> .....	797	25	369	Apr. 2, 1880	53	7 south.....	3 west.
Do .....	July 19, 1875	do .....	798	25	369	Apr. 2, 1880	54	7 south.....	3 west.
John M. Marsh .....	Mar. 15, 1879	Lee Mantle .....	799	30	370	Apr. 8, 1880	154	3 north.....	8 west.
Thomas T. Baker .....	Dec. 15, 1877	Anthony H. Hedly .....	800	30	371	Apr. 8, 1880	77 and 155	3 north.....	7 and 8 west.
George B. Foote .....	Dec. 19, 1872	August Foller .....	801	40	372	Apr. 8, 1880	54	10 north.....	4 west.
Thomas T. Baker .....	Dec. 15, 1877	Jeremiah Roach <i>et al.</i> .....	802	30	373	Apr. 9, 1880	78	3 north.....	7 west.
Do .....	Dec. 15, 1877	Charles S. Warren <i>et al.</i> .....	803	30	374	Apr. 9, 1880	79 and 156	3 north.....	7 and 8 west.
Do .....	Dec. 15, 1877	Salton M. Cameron <i>et al.</i> .....	805	30	375	Apr. 17, 1880	157	3 north.....	8 west.
Do .....	Dec. 15, 1877	do .....	806	30	375	Apr. 17, 1880	80 and 158	3 north.....	7 and 8 west.
Do .....	Dec. 15, 1877	Olive H. Hopkins .....	807	30	376	Apr. 19, 1880	81 and 159	3 north.....	7 and 8 west.
George B. Foote .....	Dec. 19, 1872	Theodore H. Kleinschmidt .....	804	40	377	Apr. 22, 1880	48	9 north.....	3 west.
James M. Page .....	July 15, 1874	Athol F. Wright <i>et al.</i> .....	808	30	378	Apr. 23, 1880	37	11 south.....	13 and 14 west.
Do .....	July 15, 1874	Joseph C. Keppler .....	809	25	379	Apr. 23, 1880	37	9 and 10 south	14 west.
Thomas T. Baker .....	Dec. 15, 1877	Charles S. Warren <i>et al.</i> .....	811	10	380	Apr. 27, 1880	82	3 north.....	7 west.
Do .....	Dec. 15, 1877	do .....	812	30	381	Apr. 28, 1880	83	3 north.....	7 west.
John M. Marsh .....	Mar. 15, 1879	do .....	813	30	381	Apr. 28, 1880	160	3 north.....	8 west.
Do .....	Mar. 15, 1879	John Downs <i>et al.</i> .....	814	30	382	Apr. 28, 1880	161	3 north.....	8 west.
Thomas T. Baker .....	Dec. 15, 1877	Anthony W. Barnard <i>et al.</i> .....	815	30	383	Apr. 29, 1880	162	3 north.....	8 west.
Do .....	Dec. 15, 1877	William A. Clark <i>et al.</i> .....	810	30	384	Apr. 30, 1880	84 and 163	3 north.....	7 and 8 west.
Do .....	Dec. 15, 1877	do .....	816	30	385	Apr. 30, 1880	164	3 north.....	8 west.
Do .....	Dec. 15, 1877	The Hecla Consolidated Mining Company .....	817	30	388	May 6, 1880	39 A and B	2 south.....	10 west.
Do .....	Dec. 15, 1877	do .....	818	30	388	May 6, 1880	40 A and B	2 south.....	10 west.
Do .....	Dec. 15, 1877	do .....	819	25	388	May 6, 1880	41	2 south.....	10 west.
Do .....	Dec. 15, 1877	do .....	820	25	388	May 6, 1880	42	2 south.....	10 west.
Do .....	Dec. 15, 1877	do .....	821	25	388	May 6, 1880	43	2 south.....	10 west.
Do .....	Dec. 15, 1877	do .....	822	25	388	May 6, 1880	44	2 south.....	10 west.
Do .....	Dec. 15, 1877	Henry S. Clark <i>et al.</i> .....	823	30	389	May 6, 1880	85	3 north.....	7 west.
Do .....	Dec. 15, 1877	John McLaggan <i>et al.</i> .....	824	30	390	May 14, 1880	165	3 north.....	8 west.
Germaine A. Kellogg .....	Nov. 24, 1876	Thos. L. Maguire <i>et al.</i> .....	825	40	391	May 17, 1880	40	6 north.....	8 west.
James M. Page .....	July 14, 1874	Orlando B. Barber <i>et al.</i> .....	826	40	392	May 18, 1880	50	6 south.....	3 west.
John M. Marsh .....	Mar. 15, 1879	Henry S. Clark .....	827	30	393	May 18, 1880	166	3 north.....	8 west.
Thomas T. Baker .....	Dec. 15, 1877	Charles F. Mussigbrod <i>et al.</i> .....	828	30	394	May 19, 1880	167	3 north.....	8 west.



Do	Dec. 15, 1877	John M. Steward <i>et al</i>	829	30	395	May 21, 1880	168	3 north	8 west.
Do	Dec. 15, 1877	Wm. McDermott <i>et al</i>	830	30	396	May 24, 1880	86	3 north	7 west.
Do	Dec. 15, 1877	do	831	30	396	May 24, 1880	87	3 north	7 west.
Do	Dec. 15, 1877	Ferdinand Isele	832	30	397	May 25, 1880	169	3 north	8 west.
Do	Dec. 15, 1877	do	833	30	397	May 25, 1880	170	3 north	8 west.
Do	Dec. 15, 1877	Demas L. McFarland <i>et al</i>	834	30	398	May 29, 1880	171	3 north	8 west.
Do	Dec. 15, 1877	Joel W. Ransom <i>et al</i>	835	30	399	May 29, 1880	88	3 north	7 west.
Do	Dec. 15, 1877	do	836	30	399	May 29, 1880	89	3 north	7 west.
Do	Dec. 15, 1877	Joel A. Moss <i>et al</i>	837	30	400	May 29, 1880	90 and 172	3 north	7 and 8 west.
Do	Dec. 15, 1877	The Hecla Consolidated Mining Company	838	30	401	May 31, 1880	45	2 south	10 west.
Do	Dec. 15, 1877	John A. Leggat <i>et al</i>	839	30	402	June 1, 1880	173	3 north	8 west.
Do	Dec. 15, 1877	John Baugh <i>et al</i>	840	25	403	June 2, 1880	91	3 north	7 west.
Do	Dec. 15, 1877	Patrick A. Largey	841	30	404	June 5, 1880	174	3 north	8 west.
Do	Dec. 15, 1877	Chas. X. Larabie <i>et al</i>	842	30	405	June 7, 1880	92	3 north	7 west.
Benjamin F. Marsh	Aug. 6, 1872	George W. Robb <i>et al</i>	843	30	406	June 8, 1880	85	9 north	4 west.
James M. Page	July 15, 1874	The Monroe Silver Mining Company	844	30	407	June 10, 1880	45	1 south	11 west.
Do	July 15, 1874	do	845	25	407	June 10, 1880	46	1 south	11 west.
Thomas T. Baker	Dec. 15, 1877	Wm. J. McNamara <i>et al</i>	695	15	408	June 11, 1880	124	3 north	8 west.
Do	Dec. 15, 1877	Charles S. Warren <i>et al</i>	846	30	409	June 14, 1880	93	3 north	7 west.
Germaine A. Kellogg	Nov. 24, 1876	Rezin Anderson	847	40	410	June 14, 1880	41	6 north	8 west.
Thomas T. Baker	Dec. 15, 1877	Lee W. Foster <i>et al</i>	848	30	411	June 14, 1880	94	3 north	7 west.
Do	Dec. 15, 1877	Joseph Lacaff	849	30	412	June 16, 1880	175	3 north	8 west.
Do	Dec. 15, 1877	Wm. A. Clark <i>et al</i>	850	25	413	June 18, 1880	38	4 north	11 west.
Do	Dec. 15, 1877	do	851	25	413	June 18, 1880	37	5 north	12 west.
Do	Dec. 15, 1877	Thos. C. Gorrie <i>et al</i>	852	30	414	June 19, 1880	95	3 north	7 west.
Benjamin F. Marsh	Aug. 6, 1872	Mike O'Donnell <i>et al</i>	853	40	415	June 21, 1880	46 A and B	6 north	5 west.
Do	Aug. 6, 1872	do	854	30	415	June 21, 1880	47	6 north	5 west.
Do	Aug. 6, 1872	do	855	30	415	June 21, 1880	48	6 north	5 west.
Thomas T. Baker	Dec. 15, 1877	Adam Farady	856	30	416	June 21, 1880	176	3 north	8 west.
Do	Dec. 15, 1877	Wm. A. Clark <i>et al</i>	857	30	417	June 21, 1880	177	3 north	8 west.
Do	Dec. 15, 1877	do	858	30	417	June 21, 1880	96	3 north	7 west.
George B. Foote	Dec. 19, 1872	Columbia Mining Company	862	25	418	June 23, 1880	65 A	9 north	4 west.
Do	Dec. 19, 1872	do	863	25	419	June 23, 1880	66	9 north	4 west.
Germaine A. Kellogg	Nov. 24, 1876	Henry Tamke <i>et al</i>	861	40	420	June 23, 1880	42 and 37	6 north	8 and 9 west.
Thomas T. Baker	Dec. 15, 1877	Leonard S. Scott <i>et al</i>	864	30	421	June 26, 1880	178	3 north	8 west.
			4,460						

\*Deposited in the First National Bank of Helena, Montana.

ROSSELL H. MASON,  
Surveyor General for Montana.



## C.—List of public land surveyed in Montana Territory during the fiscal year ending June 30, 1880.

Number of townships surveyed.	Township.	Range.	Public lands surveyed. Agricultural.	Public lands surveyed. Coal.	Public lands surveyed. Timber.	Public lands surveyed. Rivers and lakes.	Total surveyed.	Previously surveyed.	Unsurveyed mount- ains.	Unsurveyed pastoral lands.	Unsurveyed military reservations.	Unsurveyed Indian reservations.	Total unsurveyed.	Total number of acres.
			<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>
1	5 north.....	33 east.....	21,818.89				21,818.89					1,194.52	1,194.52	23,013.41
2	3 south.....	9 west.....	160.40				160.40	6,915.06	15,964.54				15,964.54	23,040.00
3	5 north.....	34 east.....	12,510.71				12,510.71					10,490.85	10,490.85	23,001.56
4	6 north.....	34 east.....	22,102.07				22,102.07					887.53	887.53	22,989.60
5	6 north.....	35 east.....	11,439.72				11,439.72					11,552.67	11,552.67	22,992.39
6	5 north.....	47 east.....	6,400.00				6,400.00			16,622.00			16,622.00	23,022.00
7	5 north.....	48 east.....	23,040.90				23,040.90							23,040.90
8	6 north.....	48 east.....	19,441.59	2,560.00			22,001.59				1,038.41		1,038.41	23,040.00
9	10 south.....	14 west.....	13,691.66				13,691.66		9,447.54				9,447.54	23,139.20
10	9 south.....	14 west.....	9,079.19				9,079.19		13,747.93				13,747.93	22,827.12
11	7 north.....	35 east.....	22,969.86				22,969.86							22,969.86
12	6 north.....	36 east.....	6.58				6.58					22,978.70	22,978.70	22,985.28
13	7 north.....	36 east.....	20,730.20				20,730.20					2,242.78	2,242.78	22,972.98
14	6 north.....	37 east.....	231.77				231.77					22,754.13	22,754.13	22,985.90
15	7 north.....	37 east.....	11,397.75				11,397.75			11,498.25		670.81	12,169.06	23,566.81
16	6 north.....	38 east.....	2,697.97				2,697.97					20,342.03	20,342.03	23,040.00
17	6 north.....	39 east.....	21,197.91			1,745.24	22,943.15							22,943.15
18	6 north.....	40 east.....	21,508.58			1,433.85	22,942.43							22,942.43
19	9 north.....	20 west.....			4,794.09		4,794.09	18,285.69						23,079.78
20	10 north.....	20 west.....			6,884.53		6,884.53	11,064.00	5,090.59				5,090.59	23,039.12
21	11 north.....	20 west.....			7,991.42		7,991.42	8,274.32	6,774.26				6,774.26	23,040.00
22	12 north.....	20 west.....			5,256.73		5,256.73	10,063.30	7,719.97				7,719.97	23,040.00
23	13 north.....	20 west.....			3,905.92		3,905.92	16,198.64	2,906.08				2,906.08	23,010.64
24	7 south.....	12 west.....	23,014.29				23,014.29							23,014.29
25	11 north.....	15 east.....	3,363.34				3,363.34	12,639.67	6,960.15				6,960.15	22,963.16
26	10 north.....	7 east.....	23,017.43				23,017.43							23,017.43
27	10 north.....	8 east.....	23,025.39				23,025.39							23,025.39
			312,846.20	2,560.00	28,832.69	3,179.09	347,417.98	83,440.68	68,611.06	28,120.25	1,038.41	93,114.02	190,883.74	621,742.40

ROSWELL H. MASON, *United States Surveyor General for Montana.*



D.—Statement showing condition of the public surveys contracted for by the surveyor general for Montana Territory, under appropriation by Congress, for the fiscal year ending June 30, 1880.

Contract.		Character and location of work.	Names of deputies.	Remarks.
No.	Date.			
86	1879. Mar. 21	The exterior boundaries of townships 5, 6, 7, and 8 north, of ranges 33, 34, 35, and 36 east; the extension of the Porcupine guide meridian south, through township 5 north, between ranges 40 and 41 east; the extension of the first standard parallel north, west through ranges 40 and 39 east; the exterior boundaries of township 5 north, of ranges 39 and 40 east, and townships 6, 7, and 8 north, of ranges 37, 38, 39, and 40 east; the extension of the first standard parallel north, east through ranges 41, 42, 43, 44, 45, 46, 47, and 48 east; the extension of the Tongue River guide meridian north, through townships 5 and 6 north, between ranges 48 and 49 east; the exterior boundaries and subdivision lines of township 5 north, and fractional township 6 north, of range 48 east. Estimated amount of contract being \$4,000.	Demas L. McFarland.	The exterior boundaries of township 5 north, of range 35 east, and townships 5 and 6 north, of range 36 east, falling within the Crow Indian Reservation, were not run. Fractional township 5 north, of range 47 east, was substituted under special instructions. Completed and returned. Amount, \$3,454.57.
87	Mar. 22	The subdivision lines of fractional township 5 north, of ranges 33, 34, 35, and 36 east; township 6 north, of ranges 34, 35, and 36 east; fractional township 6 north, of ranges 37 and 38 east; and townships 5 and 6 north, of ranges 39 and 40 east. Estimated amount of contract being \$4,000.	Walter W. De Lacy...	Township 5 north, of ranges 35 and 36 east, falling within the Crow Indian Reservation, were not surveyed; township 5 north, of ranges 39 and 40 east, were not deemed surveyable under existing instructions; township 6 north, of ranges 34, 35, and 36 east, were fractional; township 7 north, of range 35 east, and fractional township 7 north, of ranges 36 and 37 east, were substituted under special instructions. Completed and returned. Amount, \$4,058.15.
88	July 7	The extension of the first standard parallel south, west through ranges 10, 11, 12, 13, and 14 west; the extension of the second standard parallel south, west through fractional range 12, and ranges 13 and 14 west; the extension of the Big Hole guide meridian north, through townships 10, 9, 8, 7, and 6 south, between ranges 14 and 15 west; the exterior boundaries of township 10 south, of ranges 13 and 14 west; township 9 south, of range 14 west; and townships 8, 7, and 6 south, of ranges 14 and 13 west; also the exterior boundaries and subdivision lines of fractional townships 9, 10, 11, 12, and 13 north, of range 20 west; and the extension of the third standard parallel north, through range 20 west. Estimated amount of contract being \$4,000.	James M. Page .....	The exterior boundaries of township 6 south, and exterior boundaries and subdivision lines of township 7 south, of range 12 west, were substituted under special instructions. Completed and returned. Amount, \$4,147.15.
92	1880. Apr. 3	The exterior boundaries and subdivision lines of fractional township 11 north, of range 15 east; the exterior boundaries of townships 11 and 12 north, of range 14 east; the extension of the third standard parallel north, west through ranges 13, 12, and 11 east; and the exterior boundaries of townships 13, 14, 15, and 16 north, of ranges 13, 12, and 11 east. Estimated amount of contract being \$1,500.	Demas L. McFarland.	Completed and returned. Amount, \$1,665.25.



D.—Statement showing condition of the public surveys contracted for by the surveyor general for Montana Territory, &c.—Continued.

Contract.		Character and location of work.	Names of deputies.	Remarks.
No.	Date.			
93	1880. Apr. 20	The exterior boundaries of township 10 north, of range 6 east; the exterior boundaries and subdivision lines of township 10 north, of ranges 7 and 8 east; the extension of the second standard parallel north, east through fractional range 7 east; and the exterior boundaries of townships 7 and 8 north, of range 7 east. Estimated amount of contract being \$1,200.	Walter W. De Lacy...	The east boundary of township 8 north, of range 7 east, was not run, being reported impracticable. Completed and returned. Amount, \$1,246.04.

ROSWELL H. MASON,  
*United States Surveyor General for Montana.*



E.—Statement showing the condition of the public surveys contracted for by the surveyor general for Montana Territory during the fiscal year ending June 30, 1880, and payable from the fund of "Special deposits by individuals."

Contract.		Character and location of work.	Names of deputies.	Remarks.
No.	Date.			
89	1879. Oct. 18	The subdivision lines of townships 9 and 10 south, of range 14 west. Estimated amount of contract being \$500. Payable from certificate of deposit No. 326 for \$500, dated September 30, 1879, and deposited by Michael S. Herr.	James M. Page.....	Completed and returned. Amount, \$399.28.
90	Dec. 1	The extension of the subdivision lines between sections 2 and 11 west, to the point for corner to sections 2, 3, 10, and 11; and north between sections 2 and 3 of township 3 south, of range 9 west. Estimated amount of contract being \$9. Payable from certificate of deposit No. 334 for \$12.76, dated October 22, 1879, and deposited by David Evans.	Germaine A. Kellogg.	Completed and returned. Amount, \$8.98.
91	1880. Feb. 3	The exterior boundaries of the town site of Glendale, Beaver Head County, Mont. Estimated amount of contract being \$100. Payable from certificate of deposit No. 352, dated February 3, 1880, and deposited by A. F. Sears.	James M. Page.....	Completed and returned. Amount, \$100.
94	May 19	The exterior boundaries of the town site of Highland Park, Beaver Head County, Mont. Estimated amount of contract being \$100. Payable from certificate of deposit No. 387, dated May 4, 1880, and deposited by A. F. Sears.	.....do .....	Do.

ROSWELL H. MASON,  
United States Surveyor General for Montana.



F.—Statement showing the condition of appointments made for the survey of mineral claims in Montana under acts of Congress during the fiscal year ending June 30, 1880.

Number.	Date of appointment.	Name of deputy.	Extent of district.	Number of surveys made.	Remarks.
1	Aug. 6, 1872	Benjamin F. Marsh .....	Montana Territory ...	8	
2	Dec. 19, 1872	George B. Foote .....	do .....	19	
3	Apr. 25, 1873	Walter W. de Lacy .....	do .....	0	
4	May 9, 1873	Peter Koch .....	do .....	0	Resigned Oct. 24, 1879.
5	June 22, 1874	Demas L. McFarland .....	do .....	2	
6	July 15, 1874	James M. Page .....	do .....	5	
7	June 18, 1875	Benjamin H. Tatem .....	do .....	0	Resigned Nov. 11, 1879.
8	July 19, 1875	Albert B. Knight .....	do .....	3	
9	Nov. 24, 1876	Germaine A. Kellogg .....	do .....	6	
10	Oct. 25, 1877	George F. Marsh .....	do .....	2	Appointment revoked Nov. 8, 1879.
11	Dec. 15, 1877	Thomas T. Baker .....	do .....	38	
12	Mar. 15, 1879	John M. Marsh .....	do .....	10	Appointment revoked May 31, 1880.
		Total .....		93	

ROSWELL H. MASON,  
United States Surveyor General for Montana.

G.—Statement showing the description of land for which township plats and descriptive lists have been furnished the Helena land office during the fiscal year ending June 30, 1880.

Number.	Township.	Range.	Area.	When transmitted.	
				Duplicate plats.	Descriptive lists.
			<i>Acres.</i>		
1	9 north.....	3 west.....		Nov. 19 1879*	
2	8 north.....	1 east.....		Nov. 19, 1879*	
3	7 north.....	2 east.....		Nov. 19, 1879*	
4	9 north.....	20 west.....		Nov. 21, 1879*	
5	10 north.....	1 east.....		Nov. 21, 1879*	
6	do.....	2 west.....		Nov. 21, 1879*	
7	do.....	3 west.....		Nov. 21, 1879*	
8	do.....	4 west.....		Nov. 21, 1879*	
9	3 north.....	8 west.....		Dec. 1, 1879*	
10	do.....	7 west.....		Dec. 1, 1879*	
11	5 north.....	33 east.....	21, 818. 89	Jan. 26, 1880	Jan. 26, 1880
12	3 south.....	9 west.....	160. 40	Feb. 24, 1880	
13	6 north.....	34 east.....	22, 102. 07	Apr. 16, 1880	Apr. 16, 1880
14	5 north.....	do.....	12, 510. 71	Apr. 21, 1880	Apr. 21, 1880
15	6 north.....	35 east.....	11, 439. 72	Apr. 21, 1880	Apr. 21, 1880
16	5 north.....	47 east.....	6, 400. 00	May 27, 1880	May 27, 1880
17	do.....	48 east.....	23, 040. 90	May 27, 1880	May 27, 1880
18	6 north.....	do.....	22, 001. 59	May 27, 1880	May 27, 1880
19	9 south.....	14 west.....	9, 079. 19	June 16, 1880	June 16, 1880
20	10 south.....	do.....	13, 691. 66	June 16, 1880	June 16, 1880
21	7 north.....	35 east.....	22, 969. 86	July 26, 1880	July 26, 1880
22	6 north.....	36 east.....	6. 58	July 26, 1880	July 26, 1880
23	7 north.....	do.....	20, 730. 20	July 26, 1880	July 26, 1880
24	6 north.....	37 east.....	231. 77	July 26, 1880	July 26, 1880
25	7 north.....	do.....	11, 397. 75	July 26, 1880	July 26, 1880
26	6 north.....	38 east.....	2, 697. 97	July 26, 1880	July 26, 1880
27	do.....	39 east.....	22, 943. 15	July 26, 1880	July 26, 1880
28	do.....	40 east.....	22, 942. 43	Aug. 17, 1880	Aug. 17, 1880
29	9 north.....	20 west.....	4, 794. 09	Not completed.	Not completed.
30	10 north.....	do.....	6, 884. 53	do.....	Do.
31	11 north.....	do.....	7, 991. 42	do.....	Do.
32	12 north.....	do.....	5, 256. 73	do.....	Do.
33	13 north.....	do.....	3, 905. 92	do.....	Do.
34	7 south.....	12 west.....	23, 014. 29	do.....	Do.
35	11 north.....	15 east.....	3, 363. 34	do.....	Do.
36	10 north.....	7 east.....	23, 017. 43	do.....	Do.
37	do.....	8 east.....	23, 025. 39	do.....	Do.

\*Furnished to replace worn out and defaced plats.

ROSWELL H. MASON,  
United States Surveyor General for Montana.



H.—Statement showing the condition of the appropriation for salaries in the office of the surveyor general for Montana for the fiscal year ending June 30, 1880.

1879.				1879.	
Aug. 28	Vou. 1	Roswell H. Mason, surveyor general	\$231 60	July 14	By appropriation act approved June 21, 1879.....
28	2	Edward B. Bonnell, chief clerk	151 60		\$5,750 00
28	3	Leslie N. Wilkie, draughtsman	126 40		
Sept. 1	4	Roswell H. Mason, surveyor general	231 60		
1	5	Edward B. Bonnell, chief clerk	151 60		
1	6	Leslie N. Wilkie, draughtsman	126 40		
30	7	Roswell H. Mason, surveyor general	224 30		
30	8	Edward B. Bonnell, chief clerk	146 80		
30	9	Leslie N. Wilkie, draughtsman	46 88		
Nov. 1	10	Roswell H. Mason, surveyor general	231 60		
3	11	Edward B. Bonnell, chief clerk	151 60		
3	12	Leslie N. Wilkie, draughtsman	81 52		
Dec. 1	13	Roswell H. Mason, surveyor general	224 30		
1	14	Edward B. Bonnell, chief clerk	146 80		
1	15	Leslie N. Wilkie, draughtsman	122 20		
31	16	Roswell H. Mason, surveyor general	231 60		
31	17	Edward B. Bonnell, chief clerk	151 60		
31	18	Leslie N. Wilkie, draughtsman	95 79		
1880.					
Feb. 3	19	Roswell H. Mason, surveyor general	234 15		
3	20	Edward B. Bonnell, chief clerk	153 30		
3	21	Leslie N. Wilkie, draughtsman	127 70		
Mar. 1	22	Roswell H. Mason, surveyor general	219 20		
1	23	Leslie N. Wilkie, chief clerk	98 90		
1	24	Leslie N. Wilkie, draughtsman	37 09		
1	25	William T. McFarland, draughtsman	82 42		
31	26	Roswell H. Mason, surveyor general	234 15		
31	27	Leslie N. Wilkie, chief clerk	153 30		
31	28	William T. McFarland, draughtsman	94 78		
Apr. 30	29	Roswell H. Mason, surveyor general	226 60		
30	30	Leslie N. Wilkie, chief clerk	148 30		
30	31	William T. McFarland, draughtsman	123 60		
May 21	32	William T. McFarland, draughtsman	32 97		
31	33	Roswell H. Mason, surveyor general	234 30		
31	34	Leslie N. Wilkie, chief clerk	153 40		
31	35	Edw'd L. Foucar, draughtsman	32 00		
June 30	36	Roswell H. Mason, surveyor general	226 60		
30	37	Leslie N. Wilkie, chief clerk	148 30		
30	38	Edw'd L. Foucar, draughtsman	94 00		
30	39	William T. McFarland, draughtsman	20 60		
		To balance	15		
			5,750 00		5,750 00

ROSWELL H. MASON,  
United States Surveyor General for Montana.



I.—Statement showing condition of the appropriation for incidental expenses for the office of the surveyor general for Montana for the fiscal year ending June 30, 1880.

1879.				1879.	
Aug. 29	Vou. 1	Fisk Brothers, rent.....	\$40 00	Apr. 23	By appropriation act
29	2	John E. Howard, messen- ger .....	15 20		approved March 3,
Sept. 1	3	Fisk Brothers, rent.....	40 00		1879.....
1	4	John E. Howard, messen- ger .....	15 20		\$1, 500 00
1	5	Raleigh & Clark, cloth.....	1 95		
1	6	Shaffer & Yergy, map- sticks .....	3 00		
1	7	John R. Sandford, office- furniture .....	12 00		
1	8	Robert S. Hale & Co., lamp- chimneys, &c.....	6 65		
4	9	D. McClelland, township plats .....	20 00		
30	10	Fisk Brothers, rent.....	40 00		
30	11	John E. Howard, messen- ger .....	14 60		
30	12	John R. Sandford, office furniture .....	13 50		
30	13	Charles A. Blackburn, ice..	13 00		
30	14	Auerbach, Wells & Co., stationery .....	18 65		
30	15	Clark, Conrad, & Curtin, tin box .....	4 50		
30	16	Fisk Brothers, stationery, &c .....	6 60		
30	17	Roswell H. Mason, freight, &c .....	12 90		
30	18	Peyton T. Williams, water..	6 00		
Nov. 3	19	Fisk Brothers, rent .....	40 00		
3	20	John E. Howard, messen- ger .....	15 20		
4	21	Jansen McClurg & Co., sta- tionery, &c.....	162 03		
4	22	Edward B. Bonnell, station- ery, &c .....	18 20		
4	23	Roswell H. Mason, map- rollers and ice .....	7 00		
Dec. 1	24	Fisk Brothers, rent .....	40 00		
1	25	John E. Howard, messen- ger .....	14 60		
4	26	James M. Lebo, sawing wood .....	6 00		
8	27	Homer Hewins, wood .....	45 00		
31	28	Fisk Brothers, rent .....	40 00		
31	29	John E. Howard, messen- ger .....	15 20		
31	30	John R. Sandford, furni- ture .....	13 50		
31	31	Robert S. Hale & Co., coal oil, &c.....	5 50		
31	32	Auerbach, Wells & Co., sta- tionery, &c.....	7 87		
31	33	Edward B. Bonnell, tele- grams, &c.....	10 50		
31	34	Roswell H. Mason, station- ery, &c.....	16 85		
1880.					
Feb. 4	35	Fisk Brothers, rent .....	40 00		
4	36	John E. Howard, messen- ger .....	15 30		
4	37	W. and L. E. Gurley, draw- ing-paper, &c .....	45 19		
4	38	William Lorey, lettering, &c .....	11 00		
4	39	Roswell H. Mason, post- office box rent, &c.....	14 75		
Mar. 1	40	Fisk Brothers, rent .....	40 00		
1	41	John E. Howard, messen- ger .....	14 40		
31	42	John E. Howard, messen- ger .....	15 30		
31	43	Fisk Brothers, rent.....	40 00		
31	44	Joseph Black, furniture .....	30 15		
31	45	Fisk Brothers, binding field notes, &c .....	39 75		
31	46	Child & Jones, stationery...	12 00		
31	47	Leslie N. Wilkie, station- ery, coal oil, &c.....	9 65		
Apr. 13	48	Jansen McClurg & Co., sta- tionery .....	21 00		



I.—Statement showing condition of the appropriation for incidental expenses, &c.—Cont'd

1880.				1879.		
Apr. 26	Vou. 49	Woolfolk, McQuade & La Croix, printing.....	\$5 00	Apr. 28	By appropriation act approved March 3, 1879.....	\$1,500 00
13	50	John E. Howard, messenger.....	14 80			
30	51	Fisk Brothers, rent.....	40 00			
30	52	Fisk Brothers, mounting maps, &c.....	28 50			
30	53	Leslie N. Wilkie, stationery, &c.....	18 78			
May 5	54	Albert Schmid, repairing furniture, &c.....	19 00			
31	55	John E. Howard, messenger.....	15 40			
31	56	Fisk Brothers, rent.....	40 00			
June 8	57	Jansen McClurg & Co., record books.....	30 00			
30	58	John E. Howard, messenger.....	14 80			
30	59	Fisk Brothers, rent.....	40 00			
30	60	Joseph Black, office furniture.....	54 00			
30	61	Rosencrans & Klane, office furniture.....	7 00			
30	62	Sands Brothers, office towels.....	6 00			
30	63	Fisk Brothers, stationery...	6 00			
30	64	Child & Jones, stationery...	5 65			
30	65	Albert Schmid, office furniture.....	45 00			
30	66	Leslie N. Wilkie, wood, stationery, &c.....	20 18			
		To balance.....	20			
		Total.....	1,500 00			1,500 00

ROSSELL H. MASON,  
United States Surveyor General for Montana.



J.—Statement showing the condition of the account of special deposits for office work in the office of the surveyor general for Montana for the fiscal year ending June 30, 1880.

1879.				1880.		
July 1	.....	To balance from last fiscal year .....	\$544 42	June 30	By amount deposited for office work on surveys of mining claims during the fiscal year, as per Exhibit B.....	\$4,460 00
Aug. 28	Vou. 1	Jacob Medary, mineral clerk .....	130 00			
Sept. 1	2	Jacob Medary, mineral clerk .....	130 00			
30	3	Jacob Medary, mineral clerk .....	130 00	30	By amount deposited for office work on surveys of public lands other than mineral, during the fiscal year, as per exhibit .....	90 00
30	4	Leslie N. Wilkie, mineral clerk .....	73 37			
Nov. 3	5	Jacob Medary, mineral clerk .....	135 00			
3	6	Leslie N. Wilkie, mineral clerk .....	44 84			
Dec. 1	7	Jacob Medary, mineral clerk .....	120 00			
1	8	Charles E. Towne, mineral clerk .....	88 00			
31	9	Jacob Medary, mineral clerk .....	130 00			
31	10	Charles E. Towne, mineral clerk .....	100 00			
31	11	Leslie N. Wilkie, mineral clerk .....	30 57			
Feb. 3	12	Jacob Medary, mineral clerk .....	130 00			
3	13	Robert B. Atwood, mineral clerk .....	42 00			
Mar. 1	14	Jacob Medary, mineral clerk .....	120 00			
1	15	William T. McFarland, mineral clerk .....	35 00			
31	16	William T. McFarland, draughtsman .....	32 97			
31	17	Jacob Medary, mineral clerk .....	135 00			
31	18	Robert B. Atwood, assistant mineral clerk .....	30 00			
Apr. 17	19	Davies J. Marshall, assistant mineral clerk .....	36 00			
30	20	Jacob Medary, mineral clerk .....	130 00			
30	21	James B. Wells, assistant mineral clerk .....	56 00			
30	22	Clarence M. Stephens, assistant mineral clerk .....	40 00			
May 21	23	William T. McFarland, draughtsman .....	53 57			
31	24	Jacob Medary, mineral clerk .....	130 00			
31	25	James B. Wells, assistant mineral clerk .....	104 00			
31	26	Clarence M. Stephens, assistant mineral clerk .....	100 00			
31	27	Edward L. Foucar, assistant mineral clerk .....	68 00			
June 30	28	Edward L. Foucar, draughtsman .....	10 00			
30	29	Jacob Medary, mineral clerk .....	130 00			
30	30	James B. Wells, assistant mineral clerk .....	104 00			
30	31	George C. Randolph, assistant mineral clerk .....	76 00			
30	32	Clinton C. Snyder, assistant mineral clerk .....	40 00			
		To balance .....	1,291 26			
			4,550 00			4,550 00

ROSWELL H. MASON,  
United States Surveyor General for Montana.



K.—Statement showing the number of plats made in the office of the surveyor general for Montana during the fiscal year ending June 30, 1880.

Description.	Original.	Department.	Local land office.	Posting.	Tracing.	Miscellaneous.	Total.
Plats of standard lines.....	5	5					10
Plats of meridian lines.....	3	3					6
Plats of exterior lines.....	7	7					14
Plats of subdivision lines.....	27	27	37				91
Plats of mineral claims.....	78	78	79	85			320
Plats of town sites.....	2	2	2				6
Plats showing location of contracts.....	7				21		28
Plats, miscellaneous.....						34	34
Total.....	131	122	116	85	21	34	509

ROSWELL H. MASON,  
United States Surveyor General for Montana.

L.—Statement showing the number of acres of public land surveyed in Montana Territory from the inception of surveys to the close of the fiscal year ending June 30, 1880.

Number of acres surveyed to June 30, 1879 .....	10,798,370.21
Number of acres surveyed during the fiscal year ending June 30, 1880..	347,417.98
Number of acres surveyed (mineral land) on unsurveyed land during the fiscal year ending June 30, 1880 .....	939.40
Total number of acres surveyed to June 30, 1880.....	11,146,727.29

ROSWELL H. MASON,  
United States Surveyor General for Montana.

M.—Statement showing the number of linear miles run, the rate per mile, and the total cost of surveys in the Territory of Montana, during the fiscal year ending June 30, 1880.

Description.	Miles.	Chains.	Links.	Rate per mile.	Amount.
No timber:					
Standard lines.....	75	51	75	\$10	\$756 47
Meridian lines.....	18			10	180 00
Township lines.....	417	12	76	7	2,920 12
Section lines.....	750	53	82	6	4,504 04
Meander lines.....	65	30	65	6	392 30
Connection lines.....	2	28	84	6	14 16
Through timber:					
Standard lines.....	53	29	87	16	853 97
Meridian lines.....	29	62	41	16	476 48
Township lines.....	161	55	18	14	2,263 63
Section lines.....	176	74	25	10	1,769 26
Meander lines.....	84	33	20	10	844 14
Totals:					
Standard lines.....	129	1	62	\$10 and 16	1,610 44
Meridian lines.....	47	62	41	10 and 16	656 48
Township lines.....	578	68		7 and 14	5,183 75
Section lines.....	927	48	7	6 and 10	6,273 30
Meander lines.....	149	63	85	6 and 10	1,236 44
Connection lines.....	2	28	84	6	14 16
Office and incidental expenses.....					7,249 95
Total cost of surveys.....					22,224 22

ROSWELL H. MASON,  
United States Surveyor General for Montana.



N.—Statement giving the names, nativity, &c., of the surveyor general and the employés in his office, at Helena, Mont., during the fiscal year ending June 30, 1880.

Names.	Occupation.	Nativity.	Whence appointed.	Salary.	Date of appointment.
Roswell H. Mason .....	Surveyor general ...	Connecticut .....	Montana..	\$2,750	Sept. 1, 1877.
Edward B. Bonnell * .....	Chief clerk .....	New York .....	do .....	1,800	Aug. 2, 1877.
Leslie N. Wilkie .....	do .....	Nova Scotia .....	do .....	1,800	Feb. 10, 1880.
William T. McFarland .....	Draughtsman .....	do .....	do .....	1,500	Sept. 3, 1878.
Jacob Medary † .....	do .....	Indiana .....	do .....	1,500	Feb. 10, 1880.
Charles E. Towne † .....	Mineral clerk .....	Ohio .....	do .....	85	Mar. 21, 1879.
Robert B. Atwood ‡ .....	Asst. mineral clerk ..	Maine .....	do .....	84	Nov. 3, 1879.
William T. McFarland † ..	do .....	Kentucky .....	do .....	84	Jan. 16, 1880.
James J. Marshall .....	do .....	Indiana .....	do .....	85	Feb. 1, 1880.
James B. Wells † .....	do .....	Missouri .....	do .....	84	Apr. 8, 1880.
Clarence M. Stephens † ..	do .....	New York .....	do .....	84	Apr. 15, 1880.
Edward L. Foucar .....	do .....	Michigan .....	do .....	84	Apr. 20, 1880.
George C. Randolph .....	do .....	New York .....	do .....	84	May 3, 1880.
Clinton C. Snyder .....	do .....	Alabama .....	do .....	84	June 9, 1880.
John E. Howard .....	do .....	Pennsylvania .....	do .....	84	June 19, 1880.
	Messenger .....	England .....	do .....	180	Oct. 20, 1877.

\* Died February 9, 1880. † Promoted to chief clerk. ‡ Temporarily employed.  
§ Per diem. || Promoted to draughtsman.

ROSWELL H. MASON,  
United States Surveyor General for Montana.

O.—Statement showing the special deposits by individuals for the survey of public lands, other than mineral, in Montana Territory, during the fiscal year ending June 30, 1880.

Name of deputy.	Date of deposit.	No. of certificate of deposit.	Name of depositor.	Field work.	Office work.	Location of work.
James M. Page .....	Sept. 30, 1879	326	Michael S. Herr .....	\$500 00	.....	Subdivision lines of townships 9 and 10 south, of range 14 west.
Do .....	Sept. 30, 1879	327	do .....	.....	\$25	
Germaine A. Kellogg .....	Oct. 22, 1879	333	David Evans .....	.....	15	Subdivision lines in township 3 south, of range 9 west.
Do .....	Oct. 22, 1879	334	do .....	12 76	.....	
James M. Page .....	Feb. 3, 1880	352	A. F. Sears .....	100 00	.....	Exterior boundaries town site of Glendale.
Do .....	Feb. 3, 1880	353	do .....	.....	25	
Do .....	May 4, 1880	386	do .....	.....	25	Exterior boundaries town site of Highland Park.
Do .....	May 4, 1880	387	do .....	100 00	.....	
				712 76	90	

ROSWELL H. MASON,  
United States Surveyor General for Montana.

P.—Statement showing the number of letters recorded in the office of the surveyor general for Montana during the fiscal year ending June 30, 1880.

Letters written to—	Number.	Folios of record.	Letters received from—	Number.	Folios of record.
Commissioner General Land Office ...	242	336	Commissioner General Land Office ..	155	158
United States deputy surveyors .....	398	412	United States deputy surveyors .....	313	365
Miscellaneous .....	372	436	Miscellaneous .....	230	276
Total .....	1,012	1,184	Total .....	698	799
				1,012	1,184
Total .....				1,710	1,983

ROSWELL H. MASON,  
United States Surveyor General for Montana.



Q.—Statement of work performed in the office of the surveyor general for Montana during the fiscal year ending June 30, 1880.

Number.	Description.	Number of folios.
32	Sets of special instructions to accompany contracts for public surveys prepared .....	300
9	Contracts for public surveys prepared .....	
28	Plats and tracings showing location of contracts prepared .....	
101	Original field notes of public surveys examined and approved .....	
101	Transcripts of field notes of public surveys prepared, examined, and approved .....	3, 852
91	Township plats prepared, examined, and approved .....	
14	Plats of exterior boundaries of townships prepared, examined, and approved .....	
16	Plats of standard and meridian lines prepared, examined, and approved .....	
6	Plats of town sites prepared, examined, and approved .....	
26	Descriptive list of corners prepared, examined, approved, and transmitted to local land offices .....	338
26	Descriptive list of land, soil, &c., prepared, examined, approved, and transmitted to local land offices .....	246
18	Surveyor's accounts for surveys prepared in duplicate .....	
153	Estimates for office work on mineral surveys prepared and transmitted to applicants .....	
150	Orders for mineral surveys prepared and issued to deputy surveyors .....	
78	Original field notes of mineral surveys examined and approved .....	
78	Transcripts of field notes of mineral surveys prepared, examined, and approved .....	1, 091
320	Plats of mineral surveys prepared, examined, and approved .....	
34	Miscellaneous plats prepared, examined, and approved .....	
1, 012	Letters written .....	1, 184
698	Letters received and filed .....	
1, 710	Letters recorded .....	1, 983
71	Vouchers for salaries prepared in duplicate .....	
66	Vouchers for incidental expenses prepared in duplicate .....	
12	Abstracts of payments prepared in duplicate .....	
12	Accounts current prepared in duplicate .....	
1	Annual report prepared in triplicate .....	108
19	Sets accompanying statements prepared in triplicate .....	140
	Total number of folios .....	9, 242

ROSWELL H. MASON,  
United States Surveyor General for Montana.

R.—Estimate for surveying services and office expenses in the district of Montana for the fiscal year ending June 30, 1882.

FIELD WORK.

For surveying 100 miles base line, at \$10 .....	\$1, 000 00
For surveying 250 miles standard lines, at \$10 .....	2, 500 00
For surveying 200 miles meridian lines, at \$10 .....	2, 000 00
For surveying 1,200 miles township lines, at \$7 .....	8, 400 00
For surveying 3,000 miles section lines, at \$6 .....	18, 000 00
For surveying 100 miles meander lines, at \$10 .....	1, 000 00
For surveying heavily timbered and mountainous land at rates not exceeding \$16 for standard, \$14 for township, and \$10 for section lines .....	10, 000 00
For inspecting surveys and preliminary observations to determine the locus of future surveys .....	3, 000, 00
	<u>\$45, 900 00</u>

OFFICE WORK.

For salary of surveyor general .....	3, 000 00
For salary of chief clerk .....	1, 800 00
For salary of two draughtsmen, at \$1,500 .....	3, 000 00
For salary of two transcript clerks, at \$1,500 .....	3, 000 00
For salary of two general clerks, at \$1,200 .....	2, 400 00
For incidental expenses, messengers, rent, fuel, lights, stationery, &c. ....	1, 500 00
For mounting and binding maps and field notes .....	1, 200 00
	<u>15, 900 00</u>
Total .....	61, 800 00

NOTE.—This estimate was prepared prior to my receiving notice of the increase in rates for surveys. At the increased rates, the estimate for field work would amount to \$56,600.

ROSWELL H. MASON,  
United States Surveyor General for Montana.



S.—Record of temperature at Helena, Mont., from July, 1879, to June, 1880, inclusive, taken at the office of the surveyor general for Montana.

Month.	Highest.	Lowest.	Mean.	Clear days.	Cloudy days.	Snowy days.	Rainy days.
1879.	°	°	°				
July .....	88	45	65 <sup>55</sup> <sub>100</sub>	23	4	.....	4
August .....	90	43	66 <sup>55</sup> <sub>100</sub>	24	5	.....	2
September .....	82	34	57 <sup>1</sup> <sub>10</sub>	26	2	.....	2
October .....	78	12	46 <sup>1</sup> <sub>10</sub>	25	3	3	.....
November .....	59	6	33 <sup>3</sup> <sub>10</sub>	18	10	2	.....
December .....	55	—31	18 <sup>1</sup> <sub>10</sub>	10	16	5	.....
1880.							
January .....	54	—11	31 <sup>2</sup> <sub>10</sub>	11	14	6	.....
February .....	50	—18	28 <sup>3</sup> <sub>10</sub>	15	9	5	.....
March .....	68	—10	34 <sup>5</sup> <sub>10</sub>	20	8	3	.....
April .....	75	14	44 <sup>7</sup> <sub>10</sub>	19	5	5	1
May .....	78	32	53 <sup>5</sup> <sub>10</sub>	12	12	.....	7
June .....	88	40	60 <sup>3</sup> <sub>10</sub>	20	6	.....	4
				223	94	29	20

Highest temperature from July, 1879, to June, 1880, inclusive..... 90°  
Lowest .....

ROSWELL H. MASON,  
United States Surveyor General for Montana.

J.—Report of the surveyor general of Nebraska.

SURVEYOR GENERAL'S OFFICE,  
Plattsmouth, Nebr., August 28, 1880.

SIR: In compliance with your instructions of April 5, 1880, I have the honor to submit heremith (in duplicate) my annual report of surveying operations in this district for fiscal year ending June 30, 1880.

SURVEYS.

The surveys contracted for out of apportionment made to this district of general appropriation for public surveys approved June 20, 1878, have all been completed, and those contracted for out of apportionment of general appropriation for public surveys approved March 3, 1879, have also been completed, except contracts Nos. 114 and 115. The field work of contract No. 114 has been executed, but returns have not yet been made to this office. The depnty is now in the field completing the execution of contract No. 115.

OFFICE WORK.

The field notes of 624 miles, 23 chains, and 56 links of exterior township lines have been examined and approved, and diagrams (in duplicate) and transcripts of field notes made and transmitted to the department

The field notes of 2,274 miles, 16 chains, and 96 links of subdivision lines have been examined and approved, and transcripts thereof and transcript plats (in triplicate) made and transmitted to the department.

Descriptive lists and plats of 38 townships have been transmitted to the proper local land-office.

The usnal amount of miscellaneous office work has been done during the year.

PROPOSED SURVEYS.

The estimates for the surveying service in this district for fiscal year ending June 30, 1882, were transmitted June 26, 1880, as directed in your circular letter of April 5, 1880.

The proposed surveys embrace lands well adapted to grazing and agricultural purposes, and which are being used to a large extent for the former object at present. There is an increasing demand for the survey of all the unsurveyed lands of the State.

There has been no falling off in the immigration to our State during the past year, but rather an increase over that of any former year.

The Burlington and Missouri River Railroad Company, with over 800 miles of road, and the Union Pacific Railroad, with its branches reaching out into the State, have done and are doing much for the development of our resources. By the sale of



their lands at low rates and on easy terms, they are aiding very materially in the rapid settlement and improvement of the State, which has grown in population from 246,200 in 1875 to 452,542 in 1880, and it is but just to say that its material growth and prosperity have kept pace with the increase of population.

From the records of the auditor of state—assessment roll of the State for 1880—I copy as follows:

## REAL ESTATE.

Improved lands, 3,498,906 acres, value .....	\$16, 325, 483
Unimproved lands, 9,768,375 acres, value .....	27, 368, 892
Miscellaneous property .....	90, 499, 618

Live stock in the State.	Number.	Value.
Horses .....	198, 381	\$5, 677, 653
Cattle .....	675, 244	5, 966, 855
Mules and asses .....	20, 032	693, 630
Sheep .....	194, 959	237, 430
Hogs .....	767, 702	930, 804

From the report of the secretary of State Agricultural Society of 1879, I copy items showing products of the State for the previous year, as follows:

	Bushels.
Wheat .....	13, 037, 116
Corn .....	35, 423, 606
Barley .....	2, 425, 387
Oats .....	6, 034, 068
Rye .....	1, 105, 880
Flaxseed .....	82, 142
Hungarian millet .....	29, 601
Potatoes .....	1, 362, 351

## APPROPRIATIONS FOR SURVEYS.

As a matter of economy on the part of the government and of advantage to this district, I would respectfully renew my recommendation of last year, that an appropriation be made sufficient to complete the public surveys in the district, so that the records may be turned over to the State, as provided by law, and the expense of maintaining an office in the future be avoided.

In conclusion I have the honor to call your attention to the following tabular statements accompanying this report:

A.—Statement showing condition of the public surveys under apportionment made to this district of appropriation for public surveys for fiscal year 1880.

B.—Statement showing contracts entered into and condition of the public surveys under apportionment to this district of appropriation for fiscal year 1881, and under additional apportionment of appropriation for fiscal year 1880.

C.—Statement showing the amount expended for salaries of surveyor general and clerks during fiscal year ending June 30, 1880.

D.—Statement showing amount expended for rent of office and other incidental expenses during fiscal year ending June 30, 1880.

E.—Statement showing the description of land, area and number of miles for which duplicate plats and transcripts of field notes have been transmitted to the department, and triplicate plats and descriptive lists have been furnished to the proper local land office, during fiscal year ending June 30, 1880.

F.—Statement showing the description and number of township plats and descriptive lists furnished the local land office during fiscal year ending June 30, 1880.

G.—Estimate of sums required for the extension of public surveys in Nebraska for fiscal year ending June 30, 1882.

H.—Estimate of sums required for office expenses for fiscal year ending June 30, 1882.

I.—Statement showing the names, duties, nativity, whence appointed, term of service, and rate of compensation per annum of persons employed in the surveyor general's office of the district of Nebraska and Iowa, during fiscal year ending June 30, 1880.

All of which is respectfully submitted.

GEO. S. SMITH,  
Surveyor General Nebraska and Iowa.

Hon. J. A. WILLIAMSON,  
Commissioner of the General Land Office.



## A.—Statement showing condition of public surveys under appropriations for field work for fiscal year ending June 30, 1880.

Name of contractor.	Number of contract.	Date.	Amount and locality.	Character of work and number of miles.			Cost per mile.	Total cost.	Amount of appropriation and deposit.	Condition of work.
				Standard.	Township.	Section.				
Chapman, Stephenson & McElroy.	110	1879. Apr. 23	<i>All north of base line and west of sixth principal meridian.</i>	<i>M. chs. lks.</i>	<i>M. chs. lks.</i>	<i>M. chs. lks.</i>				Surveys completed and approved, and maps and transcripts transmitted.
			Townships 21, 22, 23, 24, 25, 26, 27, and 28, in ranges 41, 42, 43, 44, 45, 46, 47, and 48.	.....	622 59 36	.....	\$7	.....	.....	
Paul & Starkweather.	111	June 30	Offsets.....	.....	1 44 20	.....	6	\$10,130 59	.....	Do.
			Townships 27, ranges 35 and 36; townships 26 and 27, ranges 37 and 38; township 26, range 40; townships 25, 26, 27, and 28, ranges 45 and 46, and township 25, range 47.	.....	.....	960 27 80	6			
Chapman, Stephenson & McElroy.	112	July 12	Township 32, range 43; township 30, range 45; townships 29 and 30, ranges 46 and 47, and township 29, range 48.	.....	.....	418 17 36	6	2,509 30	.....	Do.
Stephenson & McElroy.	113	Sept. 3	Township 21, range 45; townships 26, 27, and 28, range 47; townships 24, 25, 26, 27, and 28, range 48.	.....	.....	535 65 62	6	3,214 92	.....	Do.
			Townships 21 and 22, ranges 46, 47, and 48.....	.....	.....	359 66 18	6	2,158 96	.....	
Total number of miles .....				.....	624 23 56	2,274 16 96	.....			
By amount unexpended, balance of apportionment of appropriation for fiscal year 1879.....								.....	\$3,482 03	
By apportionment of appropriation for public surveys for fiscal year 1880 .....								.....	15,000 00	
By additional apportionment of appropriation for public surveys for fiscal year 1880, made April 9 and June 18, 1880.....								.....	10,000 00	
By special deposit by Union Pacific and Burlington and Missouri River Railroad Companies, for field work, from former years.....								.....	282 98	
By special deposit of Ferdinand Dieckman, for field work.....								.....	25 00	
To special deposit of Ferdinand Dieckman, for field work .....								25 00	.....	
To unexpended balance of special deposit of Union Pacific and Burlington and Missouri River Railroad Companies, for field work.....								282 98	.....	
To unexpended balance of appropriation for fiscal year 1879.....								468 26	.....	
To unexpended balance of appropriation for fiscal year 1880.....								10,000 00	.....	
								28,790 01	28,790 01	



B.—Statement showing contracts entered into and the condition of the public surveys under additional apportionment to this district of appropriation for fiscal year ending June 30, 1880, made April 9 and June 18, 1880, and under apportionments of appropriation for public surveys for fiscal year ending June 30, 1881.

Name of contractor.	No. of contract.	Date.	Character of work.	Amount and locality.	Estimated cost.	Amount of appropriation.		Condition of work.
Paul, Harvey & Stark-weather.	114	1880. May 19		<i>All north of the base line and west of sixth principal meridian.</i>				
			Standards .....	Seventh guide meridian from sixth standard parallel to north boundary of State. The seventh and eighth standard parallels from the sixth guide meridian to the west boundary of State.	.....	By additional apportionment of appropriation for public surveys for fiscal year 1879, made April 9 and June 18, 1880.	\$10, 000	Field work completed, notes not returned.
			Exteriors .....	Townships 21, 22, 23, and 24, in ranges 57 and 58.	.....	By apportionment of appropriation made by act of Congress approved June 16, 1880, for public surveys for fiscal year 1881.	15, 000	
David V. Stephenson ..	115	June 29	Subdivisions.....	Subdivision lines of eight townships to be selected within district described as follows, to wit: Between fifth and sixth standard parallels from the sixth guide meridian to west boundary of State.	\$5, 000			Party in the field.
				Townships 21 and 22, in ranges 41, 42, 43, and 44; townships 22 and 23, in range 45, and townships 23 and 24, in ranges 46 and 47.	5, 000	By additional apportionment of appropriation for fiscal year 1881.	10, 000	
Stephenson & McElroy.	116	Aug. 5	Exteriors .....	Townships 25, 26, 27, and 28, in ranges 51, 52, 53, and 54, and township 29, in ranges 51 and 52.	.....			Parties in the field.
			Subdivisions.....	Townships 25, 26, 27, and 28, in ranges 51, 52, 53, and 54; townships 23 and 24, in ranges 41, 42, 43, and 44; township 24, in range 45, and township 23, in range 48.	15, 000			
Willis T. Richardson ..	117	Aug. 12	Exteriors .....	Townships 29 and 30, in ranges 38, 39, and 40.	.....			Party in the field.
			Subdivisions.....	Townships 29 and 30, in ranges 38, 39, 40, and 41.	5, 000			
Paul, Harvey & Stark-weather.	118	Aug. 13	Exteriors .....	Townships 25, 26, 27, 28, and 29, in ranges 49 and 50.	.....			Parties in the field.
			Subdivisions.....	Townships 25, 26, 27, and 28, in ranges 49 and 50.	5, 000			
					35, 000		35, 000	



C.—Statement showing the amount expended for salaries of surveyor general and clerks during fiscal year ending June 30, 1880.

1880.	By appropriation for compensation of surveyor general for fiscal year 1880.....	\$2,000 00	
	By appropriation for salaries of clerks .....	3,000 00	
	By balance special deposits for office work of Union Pacific Railroad Company and Burlington and Missouri River Railroad Company from former years.....	9,799 35	
	By special deposit of Ferdinand Dieckman for office work....	5 00	
Sept. 30, 1879.	To first quarter ending September 30, 1879.....	\$1,175 00	
Dec. 31, 1879.	To second quarter ending December 31, 1879.....	1,259 20	
Mar. 31, 1880.	To third quarter ending March 31, 1880 .....	1,304 05	
June 30, 1880.	To fourth quarter ending June 30, 1880 .....	1,260 20	
June 30, 1880.	To balance special deposit of Union Pacific and Burlington and Missouri River Railroad Companies, unexpended.....	9,779 35	
June 30, 1880.	To special deposit of Ferdinand Dieckman, refunded.....	5 00	
June 30, 1880.	To balance of appropriation of fiscal year unexpended .....	1 55	
Total .....		14,804 35	14,804 35

GEO. S. SMITH,  
Surveyor General Nebraska and Iowa.

SURVEYOR GENERAL'S OFFICE,  
Plattsmouth, Nebr., August 28, 1880.

D.—Statement showing the amount expended for rent of office and other incidental expenses, and condition of account, during fiscal year ending June 30, 1880.

	By appropriation for rent of office and other incidental expenses for fiscal year .....	\$1,500 00	
Sept. 30, 1879.	To first quarter ending September 30, 1879 .....	\$375 00	
Dec. 31, 1879.	To second quarter ending December 31, 1879.....	375 00	
Mar. 31, 1880.	To third quarter ending March 31, 1880 .....	375 00	
June 30, 1880.	To fourth quarter ending June 30, 1880.....	375 00	
Total .....		1,500 00	1,500 00

GEO. S. SMITH,  
Surveyor General Nebraska and Iowa.

SURVEYOR GENERAL'S OFFICE,  
Plattsmouth, Nebr., August 28, 1880.



E.—Statement showing the description of land, area, and number of miles for which duplicate plats and transcripts of field notes have been transmitted to the department, and triplicate plats and descriptive lists have been furnished to the local land offices, for the fiscal year ending June 30, 1880.

Number of townships.	Description.		Number of acres.	Amount of survey.			Number of townships.	Description.		Number of acres.	Amount of survey.		
	Township north.	Range west.		Miles.	Chains.	Links.		Township north.	Range west.		Miles.	Chains.	Links.
1	27	35	23,062.89	60	01	80	20	28	46	22,404.34	59	65	19
2	27	36	23,042.26	59	78	57	21	29	46	23,020.75	59	77	23
3	26	37	23,067.50	60	04	12	22	30	46	23,023.91	59	77	90
4	27	37	23,044.61	60	01	40	23	21	47	22,960.89	59	71	51
5	26	38	23,109.76	60	10	18	24	23	47	23,019.82	59	78	82
6	27	38	23,028.54	60	00	66	25	25	47	23,058.93	60	02	36
7	26	40	23,171.82	60	20	42	26	26	47	23,024.69	59	77	39
8	32	43	21,730.50	58	29	41	27	27	47	22,979.28	59	71	50
9	21	45	23,069.05	60	03	27	28	28	47	22,313.25	59	60	23
10	25	45	23,046.90	60	00	00	29	29	47	23,020.94	59	27	58
11	26	45	23,102.45	60	06	31	30	30	47	23,016.02	59	79	62
12	27	45	23,055.65	60	02	72	31	21	48	23,097.29	60	05	32
13	28	45	22,495.00	59	69	68	32	22	48	23,139.63	60	07	33
14	30	45	23,017.39	59	78	24	33	24	48	23,072.62	60	05	39
15	21	46	23,008.28	59	76	86	34	25	48	22,903.04	59	63	28
16	22	46	22,911.72	59	66	34	35	26	48	22,576.00	59	29	81
17	25	46	23,094.95	60	05	27	36	27	48	22,161.86	58	65	05
18	26	46	23,012.45	59	76	40	37	28	48	21,069.86	58	09	70
19	27	46	23,046.40	60	02	82	38	29	48	23,013.26	59	77	38

GEO. S. SMITH,  
Surveyor General Nebraska and Iowa.

SURVEYOR GENERAL'S OFFICE,  
Plattsmouth, Nebr., August 28, 1880.

F.—Statement showing the description and number of township maps and descriptive lists furnished the proper local land office for fiscal year ending June 30, 1880.

All north of the base line and west of the sixth principal meridian.	When transmitted.	Number of plats.
To register of western land district: Township 27, ranges 35 and 36; townships 26 and 27, ranges 37 and 38; township 26, range 40; township 32, range 43; townships 21, 25, 26, 27, 28, and 30, range 45; townships 21, 22, 25, 26, 27, 28, 29, and 30, range 46; townships 21, 22, 25, 26, 27, 28, 29, and 30, range 47; and townships 21, 22, 24, 25, 26, 27, 28, and 29, range 48.....	June 3, 1880.....	.....
Total number of plats .....	.....	38

Descriptive lists all transmitted with plats.

GEO. S. SMITH,  
Surveyor General Nebraska and Iowa.

SURVEYOR GENERAL'S OFFICE,  
Plattsmouth, Nebr., August 28, 1880.



G.—*Estimate of sums required for the extension of the public surveys in the State of Nebraska for fiscal year ending June 30, 1882.*

All north of the base line and west of the sixth principal meridian.	Number of miles.	Rate per mile.	Amount.
<i>Subdivision lines.</i>			
One hundred and twenty townships within district described as follows, to wit: Between the fifth guide meridian and west boundary of State, and fifth standard parallel and north boundary, coming under classes of land authorized to be surveyed as described in circular letter of the honorable Commissioner of General Land Office, dated July 15, 1878.....	7, 200	\$7 00	\$50, 400

GEO. S. SMITH,  
*Surveyor General Nebraska and Iowa.*

SURVEYOR GENERAL'S OFFICE,  
*Plattsmouth, Nebr., August 28, 1880.*

H.—*Estimate of sums required for office expenses for fiscal year ending June 30, 1882.*

For salary of surveyor general .....	\$2, 000 00
For salary of chief clerk .....	1, 600 00
For salary of principal draughtsman .....	1, 300 00
For salary of assistant draughtsman .....	1, 200 00
For salary of two copyists, at \$1,100 each .....	2, 200 00
For office rent, fuel, stationery, binding, &c., and messenger.....	3, 000 00
Total .....	11, 300 00

GEO. S. SMITH,  
*Surveyor General Nebraska and Iowa.*

SURVEYOR GENERAL'S OFFICE,  
*Plattsmouth, Nebr., August 28.*

I.—*Statement showing the names, duties, nativity, whence appointed, term of service, and rate of compensation per annum of persons employed in the surveyor general's office, district of Nebraska and Iowa, during fiscal year ending June 30, 1880.*

Name.	Duty.	Nativity.	Whence appointed.	Term of service,	Salary per annum.
George S. Smith....	Surveyor general..	Illinois.....	Nebraska	Entire year.....	\$2, 000
Thos. Pollock .....	Chief clerk .....	Pennsylvania	do .....	do.....	1, 500
Herman Smith.....	Principal draughtsman.	Germany.....	do .....	do.....	1, 200
Jesse B. Strode ....	Transcribing clerk	Illinois.....	do .....	December 1 to 31, 1879; February 1 to March 18, 1880; May 1 to 31, 1880.	1, 000
P. P. Gass.....	Messenger .....	Ohio .....	do .....	Entire year .....	720

GEO. S. SMITH,  
*Surveyor General Nebraska and Iowa.*

SURVEYOR GENERAL'S OFFICE,  
*Plattsmouth, Nebr., August 28, 1880.*



*K.—Report of the surveyor general of Nevada.*

UNITED STATES SURVEYOR GENERAL'S OFFICE,  
Virginia City, Nev., August 16, 1880.

SIR: In compliance with your instructions of April 5, 1880, I have the honor to submit the following report in duplicate of the operations of this office during the fiscal year ending June 30, 1880, with accompanying statements relative to the surveying department.

A.—Statement of account of appropriation for compensation of surveyor general and employes in his office during the fiscal year ending June 30, 1880, appropriation act of June 21, 1879.

B.—Statement of account of special deposit by individuals for agricultural and mineral claims and Central Pacific Railroad Company, for office work, for pay of clerks and draughtsman, and a portion of contingent expense of office during fiscal year ending June 30, 1880.

C.—Statement of account of appropriation act of March 3, 1879, for rent of office, fuel, books, stationery and other incidental expense, including pay of messenger, in the office of the United States surveyor general of Nevada, during the fiscal year ending June 30, 1880.

D.—Statement of account of appropriation, act of June 20, 1878 (surveys completed during the fiscal year ending June 30, 1880).

E.—Statement of account of appropriation, act of March 3, 1879, for surveys of public lands during the fiscal year ending June 30, 1880.

F.—Statement of account of appropriation for surveys of public lands by special deposit of Central Pacific Railroad Company, during the fiscal year ending June 30, 1880.

G.—Statement of account of surveys of public lands by special deposit by individuals during the fiscal year ending June 30, 1880.

H.—List of public lands surveyed and returned in the State of Nevada during the fiscal year ending June 30, 1880.

I.—Statement of contract entered into by the United States surveyor general, with the number of miles surveyed under the appropriation act of March 3, 1879, during the fiscal year ending June 30, 1880.

J.—List of mineral claims surveyed in the State of Nevada during the fiscal year ending June 30, 1880.

K.—Statement of special deposits with the sub-treasurer of the United States for the survey of mineral claims in the State of Nevada, during the fiscal year ending June 30, 1880.

L.—List of deputy mineral and agricultural surveyors attached to the State of Nevada at the end of June 30, 1880.

M.—Statement of plats made in the office of the United States surveyor general during the fiscal year ending June 30, 1880.

N.—Statement for the surveying service in the State of Nevada for the fiscal year ending June 30, 1882.

The operations of the surveying service in this district for the past year, have been confined to agricultural and grazing lands principally within the limits of the Central Pacific Railroad grant, there being six contracts let, amounting to \$20,000, \$1,000 of which was from special deposit of Central Pacific Railroad Company, and one special survey deposit by individuals, amounting to \$260, making a total of \$20,260, and the returned amount being \$20,207.15, leaving a balance of \$52.85 unexpended. The area surveyed embraces 61 townships, of which there was 929,486.27 acres of agricultural and grazing lands, and 382,845.65 unfit for survey, making a total of 1,312,331.92 acres surveyed, to complete which there was 71 miles 02 chains and 60 links of standard, 643 miles 7 chains and 69 links of township, and 2,483 miles 5 chains and 10 links of section lines run and marked in the field, or a total of 3,197 miles 15 chains 139 links, the field notes of which have been transcribed and forwarded to the department with the duplicate plats; and triplicate plats have been filed with the local land offices at Carson and Enreks. There was also surveyed and returned during the year 97 mineral surveys, embracing an area of 974.46 acres of mineral land.

## RAILROADS.

There has been completed the last year, and now in running order, the Nevada Central Narrow Gauge Railroad, from Battle Mountain, on the Central Pacific Railroad, to Austin, in Lander County, a distance of 96 miles.

There is now in course of construction the Carson and Colorado Railroad (narrow gauge), commencing at a point on the Virginia and Truckee Railroad at the Mound House in Lyon County, situated about midway between Carson and Virginia City, thence following the Carson River to the mouth of Walker River Cañon, in township



north, range 24 east, thence to the big bend of the Walker River, passing through the Walker River Indian reservation, and following down the eastern side of Walker Lake for a distance of 90 miles, which will be completed by the coming fall, terminating for the present at the south end of Walker Lake, which will bring the mining districts of Bodie, Aurora, Grantsville, and Candelaria within 50 miles of easy staging; it is proposed to continue this road farther south to the Colorado River. There is also now in progress of surveying the Nevada and Oregon Narrow Gauge, commencing at Reno, on the Central Pacific Railroad in Washoe County, and extending northerly, through Long Valley and Surprise Valley in California, to Oregon, and from Reno, southerly through Washoe and Carson River Valleys, to Bodie in Mono County, California, with a prospect of extending the same to Stockton in San Joaquin County, California. The construction of these roads southerly will be of great benefit to South-western Nevada, there being many well-known mining districts known to contain rich deposits of silver, which for years have been mostly deserted on account of the immense expense incurred in transporting machinery and lumber for mining and milling purposes, and the building of this road has induced many miners and prospectors to return to their old haunts, which has given new life to that part of the State.

#### MINERAL.

Since my last report the mining interests have been developed to a considerable extent, and new discoveries are constantly being made on Ruby Hill, in the Enreka district, which bids fair for that camp to become as famous as the Comstock. The increase of bullion for the last year will far exceed that of any former output, and the outlook is most flattering for the future. The numerous mining districts in the eastern part of Nevada continue about the same, with considerable improvement in the placer gold mines of Osceola, White Pine County, where new developments are constantly being made. The district of Columbus, in Esmeralda County, has once more become famous, and many mines are now being worked that have lain idle for years, and a new town has sprung up, that of Candalaria, which is adding to its population every day. The great drawback to this camp is the want of water, which has to be hauled there from a distance, but it is proposed to build water works to supply the place from the White Mountains, a distance of some 30 miles. The districts of Grantsville, Ellsworth, Lone, Union, Aurora, and other camps in Esmeralda and Nye counties, are now being developed, and some of them with very flattering prospects, and the building of the Carson and Colorado Railroad through those counties will be of great benefit to that part of the State. The advent of railroads has given a decided impetus to the mining and agricultural industry throughout the State.

#### AGRICULTURE.

The agricultural interest and prospects of the State are very bright, notwithstanding the general depression in monetary affairs. More grain has been planted this season than ever before, and the crop will exceed the anticipation of the farmer. Large tracts of sage lands are being cleared this season, and will be planted next spring in grain and alfalfa, which continue to be the favorite crop with Nevada farmers. Our precarious winters have taught our farmers a valuable lesson as to the care of stock during the winter season. Large quantities of alfalfa hay are being stored this season for winter feed, as during the last winter a large percentage of the stock died for the want of proper care and feed in the more remote and new districts. In the western portion of the State new and expensive canals are being and have been constructed for irrigation purposes this year, and the acreage of grain and alfalfa will be correspondingly increased next season. The best evidence that farmers are prosperous in Nevada is found in the general neatness and order which pervade the average Nevada farm; good fences and outbuildings, as well as neat and comfortable habitation of the farmer himself, are being built throughout the State. Within the last few years much interest has been taken by our farmers in the improvement of their stock. Horses, cattle, and sheep may now be found with our farmers which will compare favorably with the best blooded stock of our older Eastern States.

The numerous applications at the State land office for farming lands, under the new school land grant of the last Congress, is a most satisfactory proof of the growing interest in agriculture in our State, and I might add, perhaps, that the falling off of the great Comstock mines has induced many of our people to turn their attention to other vocations than mining.

Very respectfully, your obedient servant,

E. S. DAVIS,  
*United States Surveyor General.*

Hon. J. A. WILLIAMSON,  
*Commissioner General Land Office.*



**A.—Statement of account of appropriation for compensation of surveyor general and employes during fiscal year ending June 30, 1880.**

DR.		CR.	
To amount paid quarter ending September 30, 1879.....	\$1, 372 51	By appropriation act June 21, 1879, surveyor general.....	\$2, 500 00
To amount paid quarter ending December 31, 1879.....	1, 323 60	By appropriation act June 21, 1879, clerical force.....	3, 000 00
To amount paid quarter ending March 31, 1880.....	1, 140 93		
To amount paid quarter ending June 30, 1880.....	1, 260 44		
To balance .....	402 52		
	<u>5, 500 00</u>		<u>5, 500 00</u>
		By balance July 1, 1880.....	402 52

**B.—Statement of account of special deposits by individuals for agricultural and mining claims, and Central Pacific Railroad Company for office work, for pay of clerks and draughtsmen, and a portion of the contingent expense of office during the fiscal year ending June 30, 1880.**

DR.		CR.	
To amount paid quarter ending September 30, 1879.....	\$472 49	By amount advanced for quarter ending September 30, 1879.....	\$500 00
To amount paid quarter ending December 31, 1879.....	746 40	By amount advanced for quarter ending December 31, 1879.....	1, 100 00
To amount paid quarter ending March 31, 1880.....	934 07	By amount advanced for quarter ending March 31, 1880.....	1, 100 00
To amount paid quarter ending June 30, 1880.....	940 21	By amount advanced for quarter ending June 30, 1880.....	875 00
To balance.....	481 83		
	<u>3, 575 00</u>		<u>3, 575 00</u>
		By balance July 1, 1880.....	481 83

**C.—Statement of account of appropriation for rent of office, fuel, books, stationery, and pay of messenger, during fiscal year ending June 30, 1880.**

DR.		CR.	
To amount paid quarter ending September 30, 1879.....	\$373 70	By appropriation act March 3, 1879, incidental.....	\$1, 500 00
To amount paid quarter ending December 31, 1879.....	543 40		
To amount paid quarter ending March 31, 1880.....	399 05		
To amount paid quarter ending June 30, 1880.....	183 85		
	<u>1, 500 00</u>		<u>1, 500 00</u>

**D.—Statement of account of appropriation for surveys of public lands in Nevada, during 1879 and 1880.**

DR.		CR.	
To amount paid quarter ending September 30, 1879.....	\$1, 608 35	By balance appropriation of June 20, 1878.....	\$1, 647 07
To balance.....	38 72		
	<u>1, 647 07</u>		<u>1, 647 07</u>
		By balance July 1, 1880, unexpended..	38 72



## E.—Statement of account of appropriation for surveys of public lands in Nevada during 1879 and 1880.

DR.		CR.	
To amount paid quarter ending September 30, 1879.....	\$2, 142 77	By appropriation act March 3, 1879...	\$10, 000 00
To amount paid quarter ending December 31, 1879.....	5, 797 86		
To amount paid quarter ending March 31, 1880.....	2, 046 32		
To balance.....	13 05		
	<u>10, 000 00</u>		<u>10, 000 00</u>
		By balance July 1, 1880, unexpended..	13 05

## F.—Statement of account of special deposits for surveys in Nevada by Central Pacific Railroad Company during 1879 and 1880.

DR.		CR.	
To amount transferred for office work as per letter of October 6, 1879.....	\$1, 425 07	By balance July 1, 1879.....	\$11, 425 07
To amount paid quarter ending March 31, 1880.....	7, 516 42		
To amount paid quarter ending June 30, 1880.....	2, 444 81		
To balance.....	38 77		
	<u>11, 425 07</u>		<u>11, 425 07</u>
		By balance July 1, 1880.....	38 77

## G.—Statement of account of special deposit for surveys by individuals during 1879 and 1880.

DR.		CR.	
To amount paid quarter ending December 31, 1879.....	\$258 97	By special deposit by Sebastian Genaro, November 7, 1879 .....	\$260 00
To balance.....	1 03		
	<u>260 00</u>		<u>260 00</u>
		By balance July 1, 1880, unexpended..	1 03



## H.—List of lands surveyed in the State of Nevada during the fiscal year 1879 and 1880.

Township.	Range.	Public land.	Unsurveyed.	Total.
		<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>
16.....	39.....	21,898.32	1,111.40	23,009.72
16.....	40.....	20,668.62	2,404.40	23,073.02
17.....	39.....	12,647.20	10,374.80	23,022.00
17.....	40.....	7,795.63	15,199.20	22,994.83
18.....	38.....	9,599.92	13,390.56	22,990.48
18.....	39.....	14,076.52	8,957.88	23,034.40
20.....	52.....	7,045.55	16,359.51	23,405.06
20.....	53.....	15,522.62	7,755.20	23,277.82
21.....	53.....	13,587.82	9,442.48	23,030.30
22.....	53.....	19,902.75	3,040.00	22,942.75
23.....	53.....	19,770.69	3,198.75	22,969.44
24.....	53.....	8,229.06	14,727.20	22,956.26
23.....	54.....	15,300.33	7,687.36	22,987.69
21.....	52.....	4,804.64	18,234.95	23,039.59
22.....	52.....	8,638.48	14,356.80	22,995.28
23.....	52.....	5,596.96	17,361.84	22,958.80
24.....	52.....	5,914.64	17,033.76	22,948.40
24.....	54.....	13,869.18	9,129.72	22,998.90
21.....	44.....	3,198.88	19,826.72	23,025.60
21.....	45.....	14,247.83	8,790.41	23,038.24
19.....	39.....	5,587.92	17,379.60	22,967.52
20.....	39.....	23,110.88	.....	23,110.88
19.....	37.....	22,935.66	.....	22,935.66
19.....	38.....	22,952.11	.....	22,952.11
20.....	37.....	4,651.60	18,468.61	23,120.21
20.....	38.....	23,156.01	.....	23,156.01
21.....	38.....	11,522.32	11,513.43	23,035.75
17.....	18.....	10,163.32	.....	10,163.32
36.....	56.....	23,035.35	.....	23,035.35
36.....	57.....	23,029.37	.....	23,029.37
37.....	57.....	23,003.78	.....	23,003.78
37.....	58.....	15,220.05	7,884.08	23,104.13
38.....	58.....	11,380.16	11,752.04	23,133.20
38.....	59.....	23,096.01	.....	23,096.01
38.....	60.....	21,831.18	.....	21,831.18
39.....	59.....	23,024.16	.....	23,024.16
39.....	60.....	23,042.39	.....	23,042.39
39.....	61.....	22,933.84	.....	22,933.84
40.....	60.....	23,061.96	.....	23,061.96
40.....	61.....	23,012.51	.....	23,012.51
36.....	64.....	23,075.52	.....	23,075.52
36.....	65.....	9,755.02	13,284.28	23,039.30
37.....	64.....	23,028.49	.....	23,028.49
38.....	64.....	22,982.21	.....	22,982.21
38.....	65.....	22,959.94	.....	22,959.94
36.....	66.....	18,737.51	4,301.28	23,038.79
37.....	66.....	22,987.86	.....	22,987.86
38.....	66.....	22,953.46	.....	22,953.46
36.....	67.....	18,678.31	4,298.08	22,976.39
37.....	67.....	17,708.92	5,280.00	22,988.92
38.....	67.....	19,264.54	3,684.48	22,949.02
34.....	56.....	793.20	.....	793.20
34.....	18.....	9,070.20	9,492.80	18,563.00
36.....	18.....	8,658.40	10,019.30	18,677.70
37.....	18.....	8,968.24	9,847.41	18,815.65
33.....	19.....	1,600.00	.....	1,600.00
34.....	19.....	4,330.60	18,637.88	22,968.48
35.....	19.....	6,252.96	16,694.32	22,947.28
36.....	19.....	23,066.22	.....	23,066.22
37.....	19.....	21,110.43	1,924.12	23,034.55
31.....	20.....	1,438.02	.....	1,438.02
Aggregate.....	.....	929,486.27	382,845.65	1,312,331.92

Sixty-one townships.



I.—Statement of contracts entered into by the United States surveyor general for Nevada, under the appropriation of March 3, 1879, with the number of miles surveyed and returned during the fiscal year 1879 and 1880.

Contract.		Deputy.	Work embraced in contract and returned to this office.	Contract amount.	Standard.	Township.	Section.	Returned amount.	Date of transmittal.	Remarks.
No.	Date.									
88	July 3, 1879	Bridges & Eaton ..	Run, measure, and mark all lines necessary to establish the range line between ranges 52 and 53 east, through townships 17, 18, 19, and 20 north, and the exterior and subdivision lines of township 20 north, range 52 east, and townships 20, 21, 22, 23, and 24 north, range 53 east; also, townships 21, 22, and 23 north, range 54 east, of Mount Diablo base and meridian.	\$2, 000 00	<i>Ms. chs. lks.</i> -----	<i>Ms. chs. lks.</i> 84 22 17	<i>Ms. chs. lks.</i> 276 12 92	\$2, 246 90	Oct. 22, 1879	Closed.
89	July 15, 1879	Barker & McClellan.	Run, measure, and mark all lines necessary to establish the exterior and subdivision lines in townships 16, 17, 18, and 19 north, range 40 east; townships 16, 17, 18, 19, 20, and 21 north, range 39 east; townships 18, 19, 20, and 21 north, range 38 east; townships 18, 19, and 20 north, range 37 east; townships 27, 28, and 29 north, range 47 east; township 29 north, range 48 east; and township 21 north, ranges 44 and 45 east, Mount Diablo meridian.	5, 000 00	12 00 00	{ 89 71 35 107 02 04	232 20 39 352 31 28	2, 142 77 2, 863 52	Sept. 27, 1879 Nov. 28, 1879	Closed. Closed.
90	Sept. 1, 1879	Barker, Preble & McClellan.	Run, measure, and mark all lines necessary to establish the exterior and subdivision lines of township 36 north, range 56 east; townships 36, 37, and 39 north, range 57 east; townships 37, 38, and 39 north, range 58 east; townships 38, 39, and 40 north, range 59 east; townships 39 and 40 north, ranges 60, 61, and 62 east, and township 38 north, range 60 east, Mount Diablo base and meridian.	*5, 000 00	18 13 10	111 04 15	672 01 28	4, 991 08	Jan. 8, 1880	Closed.
91	Sept. 19, 1879	Bridges & Eaton ..	Run, measure, and mark all lines necessary to establish the exterior and subdivision lines of townships 21, 22, 23, and 24 north, range 52 east, and township 24 north, range 54 east, Mount Diablo base and meridian.	1, 000 00	-----	6 77 57	106 35 42	687 44	Nov. 4, 1879	Closed.



92	Dec. 1, 1879	Barker & Eaton...	Run, measure, and mark the seventh standard line north through ranges 63, 64, 65, 66, and 67 east; also, all lines necessary to establish the exterior and subdivision lines of townships 36, 37, and 38 north, ranges 64, 65, 66, and 67 east, of the Mount Diablo base and meridian.	*5,000 00	30 00 00	{ 89 74 34 71 68 69	265 77 93 323 50 67	2,525 34 2,444 81	Feb. 16, 1880 Apr. 2, 1880	Closed. Closed.
93	Dec. 16, 1879	G. W. Garside.....	Run, measure, and mark all lines necessary to establish the exterior and subdivision lines of township 31 north, range 20 east; townships 33, 34, 35, 36, and 37 north, range 19 east, and townships 34, 36, and 37 north, range 18 east, and the seventh standard line north through ranges 18 and 19 east, of the Mount Diablo base and meridian.	2,000 00	10 69 50	82 07 38	227 13 22	2,046 32	Mar. 6, 1880	Closed.
	Nov. 10, 1879	J. H. Eaton†.....	Run, measure, and mark the subdivision lines in township 17 north, range 18 east, Mount Diablo meridian.	†260 00	-----	-----	26 81 91	258 79	Dec. 17, 1879	Closed.
Total.....				20,260 00	71 02 60	643 07 69	2,483 05 10	20,207 15		

\* Contracts let Central Pacific Railroad, deposit.

† Contracts let, deposit by individuals.

‡ Special instructions.



## J.—List of mining claims surveyed in the State of Nevada during the fiscal year 1879 and 1880.

Number of survey.	Company.	Lode.	District.	County.	Township.	Acres.	Approval
							1879.
174.....	T. Casey <i>et al</i> .....	Elliott.....	Virginia.....	Storey.....	Township 17 north, range 21 east...	9.14	July 3
187.....	Silver Connor.....	Silver Connor.....	Eureka.....	Eureka.....	Unsurveyed.....	3.50	July 3
188.....	do.....	Laval.....	do.....	do.....	do.....	0.47	July 7
189.....	A. E. Titus.....	Lucky Boy.....	do.....	do.....	do.....	6.89	July 18
191.....	M. Piantoni.....	Dead Broke.....	do.....	do.....	do.....	2.73	July 28
192.....	D. H. Folley.....	Little Giant.....	do.....	do.....	do.....	4.11	July 28
190.....	B. C. Levy <i>et al</i> .....	Connell.....	do.....	do.....	do.....	5.04	July 31
193.....	M. Piantoni.....	New Year.....	do.....	do.....	do.....	2.67	July 31
194.....	W. H. Stowell <i>et al</i> .....	Cloud.....	do.....	do.....	do.....	2.72	Aug. 2
141.....	Piute Gold and Silver Mining Co.....	Piute.....	Gold Hill.....	Storey.....	Township 16 north, range 21 east...	5.58	Aug. 5
37 A & B.....	J. E. Smith.....	Nettie McCurdy.....	Warm Spring.....	White Pine.....	Unsurveyed.....	25.65	Aug. 7
39.....	S. Wenbau.....	Junction.....	Cortez.....	Eureka.....	Township 26 north, range 48 east...	13.77	Aug. 11
39.....	J. T. Williams.....	Crescent.....	Argenta.....	Nye.....	Unsurveyed.....	19.89	Aug. 18
40.....	do.....	Bullion.....	do.....	do.....	do.....	19.06	Aug. 19
41.....	do.....	Dexter.....	do.....	do.....	do.....	17.13	Aug. 19
42.....	do.....	Bismarck.....	do.....	do.....	do.....	19.32	Aug. 20
37.....	do.....	Empire.....	do.....	do.....	do.....	20.66	Aug. 21
38.....	do.....	Richmond.....	do.....	do.....	do.....	20.23	Aug. 21
37.....	A. H. Loughborough.....	Wellington.....	Red Cañon.....	Esmeralda.....	do.....	20.66	Aug. 25
40.....	S. Wenbau.....	Premium.....	Cortez.....	Eureka.....	Township 26 north, range 48 east...	10.10	Aug. 28
195.....	Jackson Mining Company.....	Tinnie.....	Eureka.....	do.....	Unsurveyed.....	5.50	Sept. 12
45.....	El Capitan Mining Company.....	El Capitan.....	Schell Creek.....	White Pine.....	do.....	8.26	Oct. 4
41.....	M. Fitzgerald.....	Nevada Giant.....	Cortez.....	Eureka.....	Township 26 north, range 48 east...	7.24	Oct. 3
42.....	do.....	Cortez Giant.....	do.....	do.....	do.....	13.77	Oct. 3
38.....	E. J. Travis.....	Crescent.....	Oscola.....	White Pine.....	Unsurveyed.....	20.66	Oct. 9
39.....	do.....	Golden Eagle.....	do.....	do.....	do.....	18.03	Oct. 9
196.....	C. L. Bray <i>et al</i> .....	Oriental and Midas.....	Eureka.....	Eureka.....	do.....	15.47	Oct. 9
175.....	Sutro Mining Company.....	Silver.....	Virginia.....	Storey.....	Township 17 north, range 21 east...	24.12	Oct. 30
197.....	A. L. Fitzgerald.....	Best and Belcher.....	Eureka.....	Eureka.....	Unsurveyed.....	8.10	Oct. 30
176.....	Troy Consolidated.....	Quartz.....	Virginia.....	Storey.....	Township 17 north, range 21 east...	15.13	Nov. 4
177.....	do.....	True Blue.....	do.....	do.....	do.....	11.09	Nov. 4
198.....	B. Rothschild.....	Fanny and F. Scott.....	Eureka.....	Eureka.....	Unsurveyed.....	2.35	Nov. 6
199.....	do.....	Ida.....	do.....	do.....	do.....	2.61	Nov. 6
200.....	Richmond Mining Company.....	Diagonal.....	do.....	do.....	do.....	4.94	Nov. 8
201.....	do.....	Main Shaft.....	do.....	do.....	do.....	6.89	Nov. 8
202 A & B.....	D. J. J. McLaughton.....	Black Cat.....	do.....	do.....	do.....	6.80	Nov. 14
203.....	do.....	Irish Ambassador.....	do.....	do.....	do.....	3.63	Nov. 14
68.....	J. H. Alderson.....	Whoo Hop.....	White Pine.....	White Pine.....	do.....	11.48	Nov. 15
38.....	Everts & Co. and M. Fisher.....	Caroline.....	do.....	do.....	do.....	4.60	Nov. 17
178.....	Culver Consolidated.....	Culver.....	Gold Hill.....	Storey.....	Township 17 north, range 21 east...	13.68	Dec. 1
179 & 142.....	Culver Addition.....	Culver Addition.....	do.....	do.....	Townships 16 and 17 north, range 21 east.	11.17	Dec. 1
104.....	Passayunk Mining Company.....	Passayunk.....	White Pine.....	White Pine.....	Unsurveyed.....	20.66	Dec. 10
40.....	G. Lagnoz.....	Forlorn.....	Twin River.....	Nye.....	do.....	14.62	Dec. 26



204.....	Richmond Mining Company .....	Virginia.....	Eureka .....	Eureka .....	do .....	1. 31	Dec. 27
37 A & B.	Crown Prince Mining Company...	Crown Prince .....	Pyramid Lake .....	Washoe .....	Township 23 north, range 21 east ...	25. 66	Dec. 29
37.....	J. S. Doe .....	Wheeler .....	Red Mountain .....	Storey .....	Township 18 north, range 21 east ...	20. 60	Jan. 9
38 & 180.	do .....	Kelton .....	do .....	do .....	Townships 17 and 18 north, range 21 east.	19. 27	Jan. 9
45.....	L. A. Buckner .....	Montezuma .....	Trinity .....	Humboldt ..	Unsurveyed .....	9. 20	Jan. 16
181 & 143.	Silver Jacket Mining Company...	Monumental Twins .....	Gold Hill .....	Storey .....	Townships 16 and 17 north, range 21 east.	16. 28	Jan. 23
54.....	Middle Hill Mining Company .....	Live Yankee .....	Esmeralda .....	Esmeralda ..	Township 5 north, range 28 east ....	6. 88	Jan. 24
55.....	do .....	Durand .....	do .....	do .....	do .....	6. 61	Jan. 24
205.....	R. Sadler .....	Sunset .....	Eureka .....	Eureka .....	Unsurveyed .....	6. 39	Jan. 27
206.....	H. H. Byrne .....	Hope Consolidated .....	do .....	do .....	do .....	17. 54	Jan. 27
207.....	Ruby & Dunderberg .....	Home Ticket .....	do .....	do .....	do .....	1. 41	Jan. 27
37.....	J. Hovendon .....	Eagle .....	Bullion .....	Lander .....	do .....	20. 66	Feb. 2
208.....	Richmond Mining Company .....	Cliff .....	Eureka .....	Eureka .....	do .....	3. 82	Feb. 3
209.....	do .....	Ravine .....	do .....	do .....	do .....	4. 67	Feb. 7
210.....	do .....	Lucky Man .....	do .....	do .....	do .....	4. 37	Feb. 12
42.....	R. Sadler <i>et al</i> .....	Sanchez .....	Newark .....	White Pine ..	do .....	3. 67	Feb. 28
211.....	Richmond Mining Company .....	Richmond Ranch .....	Eureka .....	Eureka .....	do .....	6. 89	Mar. 2
52.....	Great Western Tunnel Company ..	Colchis .....	Tem Piute .....	Lincoln .....	do .....	7. 55	Mar. 13
53.....	do .....	South End .....	do .....	do .....	do .....	13. 43	Mar. 15
54.....	do .....	Old Abraham .....	do .....	do .....	do .....	9. 12	Mar. 15
104.....	M. J. Farrel <i>et al</i> .....	Chase .....	Amador .....	Lander .....	do .....	5. 23	Mar. 20
37.....	S. Ward .....	Green Nick .....	Candelaria .....	Esmeralda ..	do .....	6. 77	Mar. 29
37.....	Night Watch .....	Night Watch .....	Hot Creek .....	Nye .....	do .....	20. 66	Apr. 10
38.....	Sherman Mining Company .....	Juniper .....	Pyramid Lake ..	Washoe .....	Township 23 north, range 21 east ...	7. 49	Apr. 15
212.....	J. J. Kermeen .....	Continental .....	Eureka .....	Eureka .....	Unsurveyed .....	6. 89	Apr. 19
213.....	William Stinson .....	Isandula .....	do .....	do .....	do .....	13. 59	Apr. 20
182.....	William Brady .....	Hendricks .....	Flowery .....	Storey .....	Township 17 north, range 21 east ...	14. 67	Apr. 22
215.....	P. Finnegan .....	Antelope .....	Eureka .....	Eureka .....	Unsurveyed .....	2. 75	Apr. 29
214.....	Eureka Consolidated .....	Mill Site .....	do .....	do .....	do .....	2. 60	May 3
38.....	Seminole Silver Mining Company ..	Sunset .....	Buena Vista .....	Humboldt ..	Township 30 north, range 34 east ...	20. 30	May 10
38.....	M. San Pedro .....	Alameda .....	Union .....	Nye .....	Unsurveyed .....	20. 66	May 11
38.....	J. M. McClane .....	Mountain Girl .....	Candelaria .....	Esmeralda ..	do .....	6. 65	May 12
39.....	do .....	Facto .....	do .....	do .....	do .....	. 58	May 12
216.....	Northwestern Mining Company ..	Western and Winchester .....	Eureka .....	Eureka .....	do .....	13. 14	May 18
217.....	do .....	Jack and Scanland .....	do .....	do .....	do .....	13. 14	May 19
218.....	D. H. Foley <i>et al</i> .....	Badger .....	do .....	do .....	do .....	17. 25	May 25
39 A & B.	Jones & Kinkead .....	Long Ear .....	Pyramid Lake ..	Washo .....	Township 23 north, range 21 east ...	22. 40	May 26
219.....	Seventy-Six .....	Seventy-Six .....	Eureka .....	Eureka .....	Unsurveyed .....	12. 67	May 28
220.....	William Stinson <i>et al</i> .....	Zulu .....	do .....	do .....	do .....	13. 77	June 9
40.....	Southern Nevada .....	Chief of the Hill .....	Columbus .....	Esmeralda ..	do .....	6. 27	June 12
40.....	Bismarek Mining Company .....	Potosi Quartz No. 1 .....	do .....	do .....	do .....	0. 71	June 12
41.....	do .....	Bismarek .....	do .....	do .....	do .....	6. 82	June 12
105.....	William Halse .....	Roanoke .....	White Pine .....	White Pine ..	do .....	6. 16	June 12
42.....	General Jackson .....	Silver Quartz .....	Columbus .....	Esmeralda ..	do .....	5. 46	June 14
43.....	do .....	Lightning .....	do .....	do .....	do .....	5. 46	June 15
222.....	Albion Mining Company .....	Uncle Sam .....	Eureka .....	Eureka .....	do .....	1. 43	June 17
41 & 44..	W. J. Sutherland .....	Southern Belle .....	Columbus .....	Esmeralda ..	do .....	6. 22	June 22
45.....	East Mount Diablo .....	Peru .....	do .....	do .....	do .....	3. 64	June 23
46.....	do .....	Mount Diablo .....	do .....	do .....	do .....	3. 64	June 23



## J.—List of mining claims surveyed in the State of Nevada during fiscal the year 1879 and 1880—Continued.

Number of survey.	Company.	Lode.	District.	County.	Township.	Acres.	Approval
							1880.
47.....	East Mount Diablo .....	Dinero .....	Columbus .....	Esmeralda ..	Unsurveyed .....	3.64	June 24
48.....	General Jackson .....	Trump .....	do .....	do .....	do .....	5.46	June 25
42 & 49..	W. J. Sutherland .....	Commodore .....	do .....	do .....	do .....	5.61	June 26
43 & 50..	do .....	do .....	do .....	do .....	do .....	3.89	June 28
221.....	D. H. Foley <i>et al.</i> .....	Diamond .....	Eureka .....	do .....	do .....	4.58	June 28

97 mining claims, 974.46 acres.



K.—List of special deposits by individuals with the assistant treasurer of the United States for mineral claims in Nevada during the fiscal year 1879-'80.

Number of survey.	Depositor.	Lode.	Deputy.	Amount,
174	Thomas Casey <i>et al</i> .....	Elliott .....	A. Craven .....	\$30
187	W. H. Stowell <i>et al</i> .....	Silver Connor .....	T. J. Read .....	30
188	do .....	Laral .....	do .....	30
189	A. E. Titus <i>et al</i> .....	Lucky Boy .....	do .....	30
191	Martin Piantoni .....	Dead Broke .....	do .....	30
192	D. H. Foley .....	Little Giant .....	do .....	30
190	B. C. Levy <i>et al</i> .....	Connell .....	do .....	30
193	Martin Piantoni .....	New Year .....	do .....	30
194	W. H. Stowell <i>et al</i> .....	Cloud .....	do .....	30
141	Dan. McCarthy .....	Piute .....	A. Craven .....	30
37 A & B	J. E. Smith .....	Nettie McCurdie .....	W. N. McGill .....	30
39	Simeon Wenbau .....	Junction .....	T. J. Read .....	30
39	George Earnst .....	Crescent .....	G. Earnst .....	30
40	do .....	Bullion .....	do .....	30
41	do .....	Dexter .....	do .....	30
42	do .....	Bismarck .....	do .....	30
37	do .....	Empire .....	do .....	30
38	do .....	Richmond .....	do .....	30
37	A. H. Loughborough .....	Wellington .....	T. J. Read .....	30
40	Simeon Wenbau .....	Premium .....	do .....	30
195	Jackson Mining Company ..	Tinnie .....	do .....	30
45	El Capitan Mining Company ..	El Capitan .....	do .....	30
41	M. Fitzgerald .....	Nevada Giant .....	do .....	30
42	do .....	Cortez Giant .....	do .....	30
38	E. J. Travis .....	Crescent .....	do .....	30
39	do .....	Golden Eagle .....	do .....	30
196	W. P. Haskell <i>et al</i> .....	Oriental and Midas .....	do .....	30
175	J. G. Mather .....	Sutro .....	L. F. J. Minkle .....	30
197	A. L. Fitzgerald .....	Best and Belcher .....	T. J. Read .....	30
176	Troy Consolidated Mining Company.	Quartz .....	L. F. J. Minkle .....	30
177	do .....	True Blue .....	do .....	30
198	B. Rothschild <i>et al</i> .....	Fanny and Franklin Scott ..	T. J. Read .....	30
199	do .....	Ida .....	do .....	30
200	Richmond Mining Company ..	Diagonal .....	N. Wescoatt .....	30
201	do .....	Main Shaft .....	do .....	30
202 A & B	D. J. J. McLaughlin .....	Black Cat .....	T. J. Read .....	30
203	do .....	Irish Ambassador .....	do .....	30
68	J. H. Alderson <i>et al</i> .....	Whoo Hop .....	do .....	30
38	Everts & Co., and M. Fisher ..	Caroline .....	G. B. Burbank .....	30
178	S. D. Baker .....	Culver .....	A. Craven .....	30
179 & 142	do .....	Culver Addition .....	do .....	30
104	Passayunk Mining Company ..	Passayunk .....	T. J. Read .....	30
40	Augusta Lognoz .....	Forlorn .....	G. Earnst .....	30
204	Richmond Mining Company ..	Virginia .....	N. Wescoatt .....	30
37 A & B	Crown Prince Mining Company.	Crown Prince .....	H. B. Maxon .....	30
37	J. S. Doe .....	Wheeler .....	G. W. Garside .....	30
38 & 180	do .....	Kelton .....	do .....	30
45	L. A. Buckner .....	Montezuma .....	D. Van Lenep .....	30
181 & 143	O. H. McKee .....	Monumental Twins .....	Gott Haist .....	30
54	Gray & Haven .....	Live Yankee .....	A. Garrard .....	30
55	do .....	Durand .....	do .....	30
205	R. Sadler .....	Sunset .....	T. J. Read .....	30
206	H. H. Byrne <i>et al</i> .....	Hope Consolidated .....	do .....	30
207	Ruby & Dunderberg .....	Home Ticket .....	do .....	30
37	Philip Depaugh .....	Silver Grey .....	do .....	30
208	Richmond Mining Company ..	Cliff .....	N. Wescoatt .....	30
209	do .....	Ravine .....	do .....	30
210	N. Wescoatt .....	Lucky Man .....	do .....	30
42	R. Sadler <i>et al</i> .....	Sanchez .....	T. J. Read .....	30
211	Richmond Mining Company ..	Richmond Rancho .....	N. Wescoatt .....	30
52	Great Western Tunnel Company.	Colehis .....	W. S. Long .....	30
53	do .....	South End .....	do .....	30
54	do .....	Old Abraham .....	do .....	30
104	J. S. Thomas <i>et al</i> .....	Chase .....	Melville Curtis .....	30
37	Clinton Gurney .....	Green Nick .....	C. F. Hoffman .....	30
37	S. W. Merritt .....	Night Watch .....	George Earnst .....	30
38	Sherman Mining Company ..	Juniper .....	D. H. Barker .....	30
212	J. J. Kermeen .....	Continental .....	T. J. Read .....	30
313	William Stinson .....	Isandula .....	do .....	30
182	William Brady .....	Hendricks .....	A. Craven .....	30
215	P. Finnegan .....	Antelope .....	T. J. Read .....	30
214	Eureka Consolidated .....	Mill Site .....	do .....	30
38	Seminole Silver Mining Company.	Sunset .....	D. Van Lenep .....	30
38	M. San Pedro .....	Alameda .....	G. Earnst .....	30
38	J. McClane .....	Mountain Girl .....	C. F. Hoffman .....	30



K.—List of special deposits by individuals, &c.—Continued.

Number of survey.	Depositor.	Lode.	Deputy.	Amount.
39	J. McClane .....	Facto .....	C. F. Hoffman .....	\$30
216	Northwestern Consolidated.	Western and Winchester.	T. J. Read .....	30
217	.....do .....	Jack and Scanland .....	do .....	30
218	D. H. Foley <i>et al</i> .....	Badger .....	do .....	30
39 A & B	Jones & Kinkead Gold and Silver Mining Company.	Long Ear .....	D. H. Barker .....	30
219	Seventy-Six Mining Com-pany.	Seventy-Six .....	T. J. Read .....	30
220	William Stinson <i>et al</i> .....	Zulu .....	do .....	30
40	A. J. Rhodes .....	Chief of the Hill .....	C. F. Hoffman .....	30
40	Bismarek Mining Company.	Potosi Quartz No. 1 .....	do .....	30
41	.....do .....	Bismarek .....	do .....	30
105	William Halse .....	Roanoke .....	G. B. Burbank .....	30
42	General Jackson Mining Company.	Silver Quartz .....	C. F. Hoffman .....	30
43	.....do .....	Lightning .....	do .....	30
222	Albion Mining Company .....	Uncle Sam .....	T. J. Read .....	30
41 & 44	W. J. Sutherland .....	Southern Belle .....	C. F. Hoffman .....	30
45	East Mount Diablo .....	Peru First East Extension .....	do .....	30
46	.....do .....	Mount Diablo Quartz .....	do .....	30
47	.....do .....	Dinero Quartz .....	do .....	30
48	General Jackson Mining Company.	Trump .....	do .....	30
42 & 49	W. J. Sutherland .....	Commodore .....	do .....	30
43 & 50	.....do .....	Commodore No. 2 .....	do .....	30
221	D. H. Foley <i>et al</i> .....	Diamond .....	T. J. Read .....	30
	Total .....	.....	.....	2,910

L.—List of agricultural and mineral surveyors connected with this office.

[A and M indicate agricultural and mineral deputies respectively.]

Deputy.	Post-office address.	When appointed.
J. E. James (M.) .....	Virginia City, Storey County .....	Feb. 14, 1874
C. F. Hoffman (M.) .....	.....do .....	May 5, 1875
A. Craven (A. and M.) .....	.....do .....	Nov. 18, 1876
Gott. Haist (M.) .....	.....do .....	Mar. 4, 1878
L. F. J. Minkle (M.) .....	.....do .....	Jan. 23, 1879
T. J. Read (M.) .....	Eureka, Eureka County .....	July 23, 1869
N. Wescoatt (M.) .....	.....do .....	Jan. 13, 1873
G. B. Burbank (M.) .....	Hamilton, White Pine County .....	Oct. 13, 1877
D. H. Barker (A. and M.) .....	Reno, Washoe County .....	Apr. 17, 1873
E. L. Bridges (A. and M.) .....	.....do .....	June 22, 1876
H. B. Maxon (M.) .....	.....do .....	Apr. 27, 1877
C. S. Preble (A.) .....	.....do .....	Sept. 1, 1879
E. C. McClellan (A.) .....	.....do .....	July 15, 1879
W. N. McGill (A. and M.) .....	Ward, White Pine County .....	Mar. 5, 1874
A. V. Hoyt (M.) .....	Cherry Creek, White Pine County .....	May 31, 1876
G. W. Garside (A. and M.) .....	Virginia City, Storey County .....	July 7, 1873
R. M. Catlin (M.) .....	Tuscarora, Elko County .....	Nov. 17, 1875
Melville Curtis (M.) .....	Austin, Lander County .....	Sept. 7, 1872
George Earnst (M.) .....	Belmont, Nye County .....	June 12, 1873
A. W. Doolittle (M.) .....	Stillwater, Churchill County .....	May 29, 1873
W. S. Long (M.) .....	Tem Piute, Lincoln County .....	Jan. 9, 1879
O. K. Wescoatt (M.) .....	Pioche, Lincoln County .....	Nov. 2, 1877
D. Van Lenep (A. and M.) .....	Winnemucca, Humboldt County .....	Nov. 6, 1872
J. B. Hickey (M.) .....	Aurora, Esmeralda County .....	Oct. 31, 1872
A. Garrard (M.) .....	.....do .....	Apr. 7, 1873
C. S. Batterman (M.) .....	Carson, Ormsby County .....	Sept. 27, 1879
J. E. Gignoux (A. and M.) .....	Dayton, Lyon County .....	Oct. 15, 1879
David Loring (M.) .....	Virginia City, Storey County .....	Mar. 9, 1880
S. H. Marlett (M.) .....	Carson, Ormsby County .....	May 18, 1880
A. S. Dildine (M.) .....	Dayton, Lyon County .....	June 30, 1880



M.—Statement of plats made in the office of the United States surveyor general for Nevada for the fiscal year ending June 30, 1880.

Description.	Original.	Department.	Register.	Post on claims.	Total.
Exterior township lines .....	10	10	.....	.....	20
Townships subdivided .....	61	61	68	.....	190
Mineral claims .....	97	97	97	101	392
Addition to State map .....	1	.....	.....	.....	1
Sketches for deputies .....	6	.....	.....	.....	6
Amended plats .....	8	8	4	.....	20
Plats destroyed in Eureka fire, replaced .....	.....	20	6	.....	26
Total .....	.....	.....	.....	.....	655

N.—Statement of the surveying service in the district of Nevada for the fiscal year ending June 30, 1882.

FOR SURVEYING.

For running, measuring, and marking 150 miles of standard and meridian lines, at \$10 .....	\$1,500 00
For running 1,000 miles of township lines, at \$7 .....	7,000 00
For running 3,000 miles of subdivision lines, at \$6 .....	18,000 00
Total for surveys .....	26,500 00

FOR SALARIES.

Salary for surveyor general .....	\$3,000 00
Salary for chief clerk .....	2,000 00
Salary for clerk .....	1,500 00
Salary for draughtsman .....	1,500 00
Total for salaries .....	8,000 00

INCIDENTAL EXPENSES.

For rent of office .....	\$720 00
For salary of messenger .....	360 00
For fuel, books, stationery, &c .....	1,500 00
Total for incidentals .....	2,580 00

L.—Report of the surveyor general of New Mexico.

SURVEYOR GENERAL'S OFFICE,  
Santa Fé, N. Mex., August 31, 1880.

SIR: In compliance with the instructions contained in your letter of the 5th of April last, I have the honor to submit, in duplicate, my annual report of the business of this office for the fiscal year ending June 30, 1880.

FIELD WORK.

There have been surveyed during the year 77 miles, 71 chains, 49 links of guide meridian, 125 miles, .02 chains, 17 links of standard parallel, 492 miles, 63 chains, 69 links of township exteriors, 4,195 miles, 8 chains, 31 links of subdivisional lines, 3,593 miles, 4 chains, 58 links having been surveyed under deposits by settlers, as will appear from Exhibit B; 13 miles, 41 chains, 5 links of closings on parallel and connections with grant surveys in the prosecution of the public surveys; the aggregate cost of which was not ascertained at the close of the fiscal year, as a portion of the work had not been dispatched at the end of the year.



Exhibit A shows the condition of the work done under the annual Congressional appropriation for public surveys for the year ending June 30, 1880, and from Exhibit B can be seen the condition of surveys made under sections 2401 and 2402 of Revised Statutes.

The total area embraced in the subdivisional surveys of the year is 1,301,364.65 acres as far as the work has been platted, making the total area embraced within the public subdivisional surveys in this district at the close of the year 9,539,160.80 acres.

In addition to the public surveys, there have been surveyed 16 private land claims, the field notes for which have been returned, and a portion of the work dispatched, as per Exhibit D, which shows the number of miles of line established as far as the work has been platted; yet, owing to the press of business in the office and the small clerical force at my disposal, the same could not be platted.

From Exhibit M it will be seen that the area covered by surveyed grants in the Territory is 12,612,239.41 acres, although many of these grants conflict with each other, and hence the actual territory covered by them will be approximately about 1,000,000 acres less; deducting from the public surveys 1,068,050.44 acres, the area of the public surveys which have since the survey thereof been embraced within the grant boundary lines, it leaves the actual area surveyed in this district of public lands 8,471,110.36 acres, and of private land claims 11,612,239.41 acres, or a total of 20,083,349.77 acres. This includes the Pueblo Indian grant, but not Indian or military reservations.

The public surveys executed the past year were confined to lands embraced in the classifications prescribed by Congress in the appropriation.

The inadequacy of the appropriations for surveys in this Territory has rendered it impossible to extend the lines of the public surveys to meet the constant demands of settlers, and they have of necessity been compelled to avail themselves of the deposit system to a considerable extent, and often at a considerable sacrifice, as they are compelled to borrow money for their deposits at high rates of interest; and while the deposit system, as amended by the recent legislation of Congress, is a great convenience to settlers, yet a sufficient sum should be appropriated by Congress to enable the lines of public surveys to be extended over the Territory sufficient to meet the wants of the settlers.

In order to secure greater accuracy in the public surveys and an approximation to a thorough topographical survey of each subdivision, I suggest that one or more topographers be furnished by the director of geological surveys for each surveying party, to accompany such party in the field and make such topographical and geological survey as they might be able to do without delaying the progress of the surveyors, and in addition thereto the deputies should be required to take note of the elevations and depressions on line by means of the aneroid barometer; the topographer, acting for a different bureau, could also note the character of the work done by the deputy, and thereby insure accurate surveys and substantial corners, rendering a further inspection of such surveys unnecessary. The topographers could mess with the surveying parties, have the benefit of the deputies' notes, and thus avoid the expense of a separate party for a topographical and geological survey, and yet would secure sufficient data in the interior of sections to answer all practical purposes, and enable the draughtsman to note on the plat the general topographical and geological features of the interior of each section in the township subdivided, as well as the topography on line, and if at any subsequent period it should be desirable to show the topography of any section or township in detail on a map of larger scale than the ordinary township plat, the notes would always be available for that purpose.

On standard lines where a township corner occurs, the size of the stones and depth set in the ground should be increased, or, in lieu thereof, if practicable, corrugated iron posts should be set at a depth sufficient to insure permanency as against the action of the elements or destruction by animals, and in no instance should wooden posts be used to mark the corners of a township or on a standard line. I make these suggestions as they have occurred to me as practicable, and would involve no considerable increase in the cost of surveys, and will, to my mind, insure accurate and substantial work, and furnish far more complete topographical and geological data, at a comparatively slight increase in cost of surveys than under the present system.

#### MINING CLAIMS.

Exhibit E shows the number and condition of the various mining claims surveyed during the year, and Exhibit F is a list of mineral deputy surveyors in commission.

#### DESERT LANDS.

Twenty-three copies of declaratory statements under the desert act were filed in this office during the year, fifteen of which were from the Mesilla land office, and eight from the Santa Fé office.



## OFFICE WORK.

Exhibits A, B, and D will show what field work has been platted and dispatched during the year. The clerical force of this office has for the past four years been too small to bring up the arrears of work and dispose of the current business, and, while the latter has been kept up as near as possible, little or no progress has been made in advancing the work in arrears; hence it is important that the full amount of my estimate for clerk hire be appropriated.

## INCIDENTAL EXPENDITURES.

The condition of the appropriation for incidental expenses is shown by Exhibit I. The appropriation, including the amount collected for subrent of part of office building, was sufficient for the ordinary expenses of the office.

The appropriation for the fiscal year ending June 30, 1882, must necessarily be larger than heretofore, for the reason that, with the advent of the Atchison, Topeka, and Santa Fé Railroad, rents have advanced fully 100 per cent. The lease on the building now occupied by this office expires the last of March next, and I have ascertained that double the rent now paid will be charged; and it will be impossible to secure cheaper quarters for the office.

It is also absolutely necessary to have more furniture, particularly cases for the custody of official papers, field-note books, plats, &c., and a safe is absolutely required for the custody of the valuable archives of the office.

Since some time in June, Book B of the record, under the Kearny code of 1846, of Spanish and Mexican grants, conveyances of title, &c., has been missing from the office, and it is believed has been stolen, as I have been unable to discover its whereabouts.

There is no place to keep these books under lock and key, and it is a matter of congratulation that they have not all been stolen ere this. Your special attention is invited to the estimates for deficiency appropriations required for this office, and to that part of my last annual report under the heading "Public Lands," where reference is made to the propriety of refunding \$1,500 expended by deputies in platting their work.

The influx of population the past year has been considerable and the number of settlers upon the public domain has largely increased, and a corresponding increased number of applications for surveys has been the result.

The pasture lands of New Mexico should be graduated in price and sold in tracts large enough to accommodate stock-raisers. I refer to that class of lands that are unsuitable for agriculture and which can only be utilized for grazing purposes. There is no advantage in the government holding these lands, and it would be far better policy to realize from them—the price to be graduated at from 25 cents to \$1.25 per acre, according to the quantity of water available and accessibility thereto, and so divided as to give access to water from each tract as far as practicable.

## PRIVATE LAND CLAIMS.

During the year two additional private land claims have been filed. A considerable amount of testimony has been taken, and final action has been had in five cases, viz:

Reported No. 118, Ojode Borrego tract, approved.

Reported No. 119, San Miguel del Vado tract, approved.

Reported No. 120, José Domínguez tract, rejected.

Reported No. 121, Maragua tract, approved.

Reported No. 122, Cañon de San Diego tract, approved.

In the case of reported No. 117, Juan de Jesús Lucero grant, referred to in my last annual report as rejected, application was made by claimants for a rehearing, which motion was supported by the affidavit of S. H. Simpson, one of the claimants, setting forth that they had not closed their case and the decision had taken them by surprise, and that they had further and important testimony to introduce in support of the validity of their claim; whereupon I suspended my decision, and have allowed 90 days for the presentation of such further testimony as claimants may have to offer, as the case had not been transmitted, and I deemed it but just to permit the fullest opportunity for the presentation of further testimony; although it must not be inferred that by this action I have in any degree altered my opinion as to the fraudulent character of the alleged grant.

The transcripts of these cases have been made, and all will be forwarded as soon as compared and the necessary certificates attached.

The land grant question is becoming more serious in this Territory as time lapses; and again, in the language of my last report, I beg to renew my recommendation made in previous reports that Congress fix a limitation on the time for filing and prosecuting private land claims and provide that they should be barred thereafter, and I again



earnestly urge the importance of providing some safer and speedier method of adjudicating claims of this character, as the present method is unsatisfactory and unsafe, both for the government and claimants. Judging from the light of experience, I am of the opinion that a reference of these cases for adjudication to the district courts of the respective districts, in which the lands may be situated, would not be advisable, and while there are some arguments in favor of such a reference I believe the results would not be as satisfactory as under the present system.

Some of the objections to that method are that the court of adjudication should have direct and ready access to all the archives, it being frequently necessary, on account of the antiquity of the title papers, to introduce for purposes of comparison other original documents bearing the signatures of the same Spanish or Mexican officials whose signatures or purported signatures appear on the muniments of title in the case at bar, and the genuineness or unguineness of these title papers are frequently necessarily determined by such comparison when there are no living witnesses familiar with the signatures of such officials to prove or disprove the genuineness of the same.

The evidence of the abandonment or fraudulent character of a grant may exist among the archives in documents having no direct connection with the case at bar in one district, and the same document may embrace evidence of a similar character or reverse in another case pending in another district, and the document may be required in evidence in both district courts at the same time, or its existence may be known to one and unknown to the other, or may be unknown to either, unless direct and easy access to the entire archives can be had by the court. If these documents were sent back and forth from one district to another or to and from the regular custodian of the same, they would be liable to be lost, and if distributed among the several judicial districts the evidence of legality or illegality of the documents in some particular case might be on file in another district than the one in which it might be required in evidence in such particular case.

The investigations of this office the past three years have demonstrated that some of these alleged grants are forgeries, and a comparison of the signature of the governor on the alleged title papers with the signature of such officer, proven and accepted as genuine upon other documents in the archives, and the judgment of experts thereon, is not unfrequently required to establish the character of the documents under consideration. Unless the court before which these claims are adjudicated can have access to all of these archives, it is much more liable to be imposed upon by fraudulent title papers.

It is not a difficult matter for witnesses to be obtained to swear to whatever may be deemed necessary to establish a claim if parties were so disposed, and the closest scrutiny and most careful investigation are absolutely essential in these cases. There are two methods that could safely be adopted in the adjudication of these cases, to wit, by a commission appointed for that express purpose similar to that of California, with like powers, and right of appeal from their action; the other would be to continue the authority in the surveyor general, before whom all the testimony could be taken, and require the supreme court of the Territory (or United States court of the district in case of a State) to review each case before it is transmitted to Congress for its action, with the right of appeal therefrom to the circuit and Supreme Courts of the United States; or, what would be better, have but one court of appellate jurisdiction. The surveyor general could continue to make these investigations as before, taking the testimony in writing as under the present system, and his action in every case would be subject to review by the supreme court of the Territory, or the United States district court of the State; which courts, having all the evidence before them, or accessible, could with facility dispose of the same without the duty imposed interfering materially with the other business of court, and, if they required further testimony in any case, they could remand it back to the surveyor general for that purpose.

If the authority is continued in the surveyor general to investigate these cases, he should be specifically empowered by law to issue compulsory process, punish for contempt, &c., and the United States district attorney should be required to appear on behalf of the government from the inception of the investigation.

If Congress will fix the limitation, and provide some such mode of adjudication of these claims as is herein suggested, they will be rapidly disposed of, and the titles in this Territory, now in such an unsettled condition, will be speedily adjusted.

The acquisition to the population of New Mexico the ensuing year from immigration is estimated at not less than 40,000, and probably will exceed that, and it is all important that these titles be adjusted without further delay, and the lands embraced therein segregated from the public domain, so that the settlers upon the public lands may locate with some degree of confidence and certainty in eventually securing title to the lands settled upon by them.

Many of these grant title papers are doubtless still in the personal possession of the grantees or their descendants, and the particular location of the tracts covered by them, as well as the land embraced by those claims, on file but unadjudicated, is neces-



sarily unknown. Individuals may locate on what is supposed to be public land, and, after they have erected valuable buildings and improved the tract, it may finally be ascertained to be embraced within the limits of a grant, and the labor and outlay of years are taken from the settler.

Where the government has such large interests involved, and the property and improvements of settlers on the public lands are so much in jeopardy, it does seem as though Congress should give this matter prompt attention, and, in providing for the adjudication of claims of this character, the right of appeal to the several courts involves a great expense both to the government and claimants; and, while there should be a court to review the proceedings of the commission, or court having primary jurisdiction, in order to meet the demands of justice and as a safeguard against errors, yet to provide that all such cases may be appealed successively from court to court until the highest judicial tribunal is reached would incumber the dockets and records of the various courts and render the proceedings tedious. I would suggest that an appeal be allowed from the court of original jurisdiction to some particular but higher tribunal, in order to simplify the proceedings and avoid the expense and delays incident to a final determination of a case where it must follow the course of ordinary civil cases.

Under existing laws there is no legal requirement that owners of grants shall file and prosecute their claims, and, unless Congress prescribes some time within which they shall be filed and proven up, the present uncertain status of the soil as to ownership must remain undetermined. These grants are usually pastoral or agricultural, and the unqualified confirmation operates as a quitclaim on the part of the government to the mineral, which was never intended to be granted by either the Spanish or the Mexican Government, and the local Spanish or Mexican authorities had no power to grant the right to the mineral, as that was reserved as the property of the state, only subject to alienation by the supreme authority, and in a prescribed manner. Where the confirmation is unqualified, the government not only makes good the original title, but confers upon the claimant the additional right to the mineral. It is well known that the precious metals abound throughout this Territory, and nearly all of these grants doubtless contain more or less mineral, although its existence may at this time, in particular cases, be unknown, yet the almost absolute certainty that it exists generally in the Territory should induce Congress to except the right to the mineral in the confirmation of these claims. I assume it to be the policy of the government to encourage the development of the mineral resources of the country, and to reap some benefit from the same in the increased consideration charged for lands of this character, as well as the indirect benefit derived by reason of the addition of the net products of the mines to the substantial wealth of the country. If the right to the mineral is vested in the grant claimants, the adventurous prospector through whom these discoveries are usually made has no incentive to prospect thereon, and the existence of rich mineral deposits may remain undiscovered and unknown.

The appointment of a commission to adjust these claims would involve some additional expense over the present method, but I believe on the whole it would be far more satisfactory, and certainly the magnitude of the interest involved, both to claimants and the government, would amply justify Congress in adopting this method for the settlement of private land claims in New Mexico, where such a considerable number yet remain to be adjudicated; and I hope that Congress will take early action in the premises.

#### POPULATION.

The census returns indicate a population of about 111,000 in the Territory, exclusive of Indians, and there is every reason to anticipate large accessions the ensuing year.

#### AGRICULTURE, FRUIT, AND STOCK-RAISING.

The drought of last year seriously affected the crops, but the copious showers of this season insure a larger yield than for many years previous, and notwithstanding the effects of the drought, the yield of grapes and other fruits was considerable. The most serious consequences of the dry season of the past year, which extended up to the middle of June last, were in the loss of cattle and sheep, and especially the latter, which died in considerable numbers for want of water and grass.

#### MINERALS.

The past year has witnessed the discovery of rich mines in several localities heretofore unknown as mineral sections, and a new impetus has been given to this industry throughout the Territory. Among the most notable of the recent discoveries are the Rio Grande placers, also rich placers on the Rios Hondo and Colorado. In the Silver Buttes district, adjacent to the Cañon del Aqua grant; the Placitas district, in the Sandia Mountains; San Simon, Shakespeare, Cook's Peak, and McEvers' Ranch districts,



in Grant County; White Oaks and Nogal districts, in Lincoln County; San Augustine district, in Doña Ana County; Picuris district, in Taos County; also near Las Vegas, in San Miguel County, and at various other points, new and valuable discoveries have been made the past year. The extent of the discovery of rich gold-bearing gravel on the Rio Grande, extending from near El Embudo up the river to a point above the mouth of Red River, and back a considerable distance from the river, is a matter of surprise, and the area of these auriferous gravel beds is very large, covering a known area of not less than fifty square miles, with ample water for hydraulic mining. It cannot fail to prove remunerative to those engaged in the working of these placers, which have been thoroughly prospected by numerous mining experts, all of whom pronounce a decidedly favorable judgment upon them. Prof. Benjamin Silliman, of Yale College, who made an examination of these placers, also those on the Arroyo Hondo and Rio Colorado, says in his report :

"Here are countless millions of tons of rich gold quartz reduced by the great forces of nature to a condition ready for the application of the hydraulic process, while the entire bed of the Rio Grande for over 40 miles is a sluice, on the bars of which the gold derived from the wearing away of the gravel banks has been accumulating for countless ages, and now lies ready for extraction by the most approved methods of river mining.

"The thickness of the Rio Grande gold gravels exceeds in many places 600 feet, or nearly three times that of the like beds in California, while the average value per cubic yard is believed to be greater in the New Mexico beds than in any other such accumulations yet discovered. The gross area covered in New Mexico by these gold-bearing gravels is probably near 400 square miles. Only three portions of this area, however, which are within reach of the waters of the Rio Grande and its affluents, are at present available, and the volcanic overflow, described in the body of this report, circumscribes in places the river frontages.

"Denudation has removed and scattered this gold-bearing alluvium extensively over its southern portion, and the area which remains demanding our attention is confined chiefly to the valley of the Rio Grande from a point near the entrance of the Embudo Creek from the east, about 45 miles above Santa Fé, and following the course of the river for about 40 miles, to the Rio Colorado or Red River and its valley, and of the Lama Cañon, in the county of Taos. The whole of this area contains vast accumulations of auriferous gravel, not less, where I have measured it, than 600 feet in thickness in many places where it has escaped denudation, and from that depth it falls off to the thickness of 50 feet or less. I have made a reconnaissance of the whole of this ground along the Rio Grande, and have examined with all the care possible in the time at command the character of the gravel, and its contents of gold also to some extent; the source from whence it has been derived; its geological peculiarities with reference to the volcanic overflows, by which it is accompanied; and its relations to water as the means by which it is to be worked with advantage to its owners. Nothing, I am persuaded, since the discovery of California and Australia, is comparable for its measurable reserves of gold, available by the hydraulic process, to these deep placers of the Rio Grande.

"I find in the Rio Grande gravels nothing corresponding either to the 'top dirt,' 'pipe clay,' or fossil wood of the California gravel beds. For example, over a wide area of gravel which is passed in going from Cieneguilla to Taos, via the dry bed of the Arroyo Hondo and the valley of the Rio Hondo, and so on, to San Cristobal, nearly 30 miles, we pass over a vast mass of gravel unbroken save by the valleys of erosion (arroyos), which are cut down into them from 100 to 200 feet or more, and whose surface is by measurement 600 feet above bed rock. One searches in vain for the light gravel, poor in gold, which forms the top dirt, for example, at the Malakoff shaft in the North Bloomfield gravel beds in Nevada County, California, where over 3,000,000 cubic yards of this material yielded under three cents per cubic yard. Undoubtedly the gravels in New Mexico above the second *malpais* will be found of less value than the under bed, and it is almost certain that zones of poor gravel will be found in the course of exploration.

"I have noted in several places, over limited areas, beds of fine yellow sand, of no great thickness, which are probably poor or worthless. But the great mass of these heavy beds are compact auriferous gravel, and contain boulders of quartzite with blue or gray stains and seams of magnetic iron and rusty quartz, evidently stained by decomposing iron pyrites, with comparatively few granite and syenite pebbles, and fewer of porphyry or greenstone, and no volcanic *débris* or ashes. I estimate that the quartz and quartzite pebbles form at least 80 per cent. of the gravel in these beds, and we must evidently look to the corresponding beds of the Sangre de Cristo Mountains immediately adjacent on the north and east for their source.

"This vitally important question has received the careful attention of a considerable number of good prospectors and miners accustomed to judge of the value of auriferous gravel. You have their written statements and opinions, all agreeing as to the main fact that this auriferous gravel is unusually rich. They differ only as between



50 and 75 cents to the cubic yard, with examples of very much higher value than this."

The volume of water in the Rio Grande at its ordinary stage is about 10,000 miner's inches, 2,000 in the Rio Colorado, and 1,500 in the Rio Hondo. The gold is about 950 fine, and is what is termed heavy flawn, shot, and nugget gold, little or no scale gold being found, and the estimated average yield is 25 cents per cubic yard. There is ample dump, and there is no reason why these placers will not prove immensely valuable. The Elizabethtown placers, just east of the headwaters of the Rio Hondo and Colorado, have been successfully and very profitably worked for a number of years past, and during the last year an increased yield has been the result of their operations.

The auriferous gravels of the old and new placers, 30 to 40 miles south of Santa Fé, have been known and worked on a limited scale for many years, and it has only been the scarcity of water for purposes of hydraulic mining that has hitherto prevented them from furnishing a large addition annually to the gold product of the country, as these placers are very rich. Quite recently a company of New York and California capitalists have purchased the Ortiz Mine grant, which embraces what is known as the Old Placers, and a company of Boston capitalists have purchased the Cañon del Agua and San Pedro grants, which embrace what is familiarly known as the New Placers, and both companies have taken the initiatory steps for the introduction of water upon these grounds for hydraulic mining, which cannot but prove very remunerative. The gold placers of Pinos Altos in Grant County, of Hillsborough in Grant and Doña Ana Counties, and of the Nogal and Jicarillas in Lincoln County, are all being successfully worked, and, while gold is found abundant in those localities, the serious obstacle in the way of mining upon a large scale is the scarcity of water, although on the Nogal and at Hillsborough there is a considerable water supply.

The mines in the Cerrillos district, 18 miles southwest of Santa Fé, continue to attract considerable attention, and some very fine mines have been discovered there. There are probably 500 miners in this district, which is most favorably situated, as the New Mexico and Southern Pacific Railroad runs through the district, and the fine beds of anthracite coal on the south side of the Galisteo Creek afford cheap fuel for the smelting of the ores. The veins are what are termed true fissures, carrying gold, silver, and copper ores not difficult to treat, and cheaply mined. This district covers an area of about 6 by 8 miles, and is but little over a year old; has one smelter of 40 tons' capacity in operation, and another of still larger capacity is about to be erected.

The Hell Cañon mines, east of Albuquerque, continue to attract considerable attention, and that district promises exceedingly well. The Magdalena district, 25 miles west of Socorro, and the Socorro district have received large accessions to their mining population, and some very fine mines have been opened and are now shipping a superior quality of ore, some of which runs high in silver. The numerous mining districts in Grant County are all in a flourishing condition, and almost the entire yield of silver bullion produced to date in this Territory has come from Silver City. Lone Mountain and Georgetown, they being the oldest of the districts, embrace a number of mines considerably developed and which are yielding large profits upon the capital invested.

The mining interests of Southern New Mexico have been seriously interfered with by the depredations of hostile Indians under Victoria, and but little prospecting could be safely engaged in, yet the adventurous miners have made many new and valuable discoveries in the limited area that they have been able to prospect. The northwest portion of the Mescalero Apache Indian Reservation is known to be rich in mineral; and, as it is of no practical use to the Indians, I suggest that it would be advisable to restore to market townships 9, 10, 11, 12, and 13 south, of range 11 east, and townships 9 and 10 south, of range 12 east, and, if necessary, add to the reservation an equivalent of land on the south, where Indians will be equally as well provided for. In fact this reservation ought to be abolished entirely and the Indians disarmed and removed to the Indian Territory or the Eastern States, where they can be surrounded by civilization, and, if the object is to civilize and to christianize them, they should be placed where it can be done quickly and where they will not be subject to the temptations incident to the border.

This suggestion would apply with equal force to all of the wild tribes. The Mescalero reservation lying so close to the Mexican border enable the Indians to commit depredations and seek refuge in Old Mexico, or to plunder the citizens of Mexico and return to the reservation, where they are safe from pursuit. The restoration to market of this reservation, which is known to be very rich in gold, silver, and copper, would result in opening up one of the finest mineral sections of New Mexico. To the northward of the reservation and but a few miles distant is the district of the White Oaks, which contains several hundred miners and is a very prosperous camp. To the west and southwest in Doña Ana County, rich discoveries of mineral have recently been made in what is known as the San Agustin district, lying east and northeast of the towns of Mesilla and Las Cruces in the Organ range of mountains. Several of the mines in this district were worked many years ago, and the old mines, together



with the new discoveries which are now being worked, show considerable bodies of fine ore.

More new and valuable discoveries of mineral have been made the past year in this Territory than in the twenty years preceding, and there is no industry that will pay as well if properly and intelligently managed. Labor is comparatively cheap and the seasons are favorable for the prosecution of work every day in the year, and, with the great abundance of fine bituminous and anthracite coal, fuel for smelting and refining purposes can be obtained at a mere nominal cost. The past year has witnessed the introduction of considerable capital, which has been applied in mining operations, yet much more is required and is sure to follow the completion of the lines of railway now in process of construction through the Territory. While a large portion of New Mexico is arable and produces excellent crops of corn, wheat, &c., yet it is eminently a mineral-producing country, and the time is not far distant when it will take rank among the first of the mineral-producing sections of America.

#### MILITARY RESERVATIONS.

There are several military reservations that have been abandoned for many years that should be vacated, and the lands embraced therein restored to settlement.

The military reserve in township 18 north, of range 20 east, has never been used by the military.

The Fort Butler reservation, embracing 76,800 acres, on the Canadian Fork of Red River, in townships 12 and 13 north, of ranges 27, 28, and 29 east, has never been used by the military.

The Fort Thorn and Fort McRae military reservations, on the Rio Grande, have not been used by the military for a number of years and should be restored to settlement, as they are no longer used.

#### RAILROADS.

On the 9th of February last the New Mexico and Southern Pacific Railroad was completed to this city, and at the present writing the road is completed 170 miles south of here, and will be at Fort Craig by the 15th of September.

The Atlantic and Pacific Railroad is now under construction westward from Albuquerque, on the Rio Grande, and about 15 miles of iron has been laid. The road is being rapidly constructed, and it is expected to reach the vicinity of Prescott, Ariz., by the 1st of next July.

The Denver and Rio Grande Railroad is also being pushed down the Rio Grande Valley, and the grading from Alamosa to Peña Blanca, 30 miles southwest of here, is nearly completed, and the track has been laid to within about 45 miles of this place, or to a point near the town of El Embudo, on the Rio Grande.

The construction of these roads has infused new life into all departments of trade, and the business outlook for the Territory is exceedingly flattering.

#### PROTECTION OF FORESTS.

No more important action has been taken by the honorable Secretary and yourself than that looking to the protection of the forests on government lands, and but a small portion of the beneficial effects of your action in that respect will be seen as compared with the actual future results, which will only be appreciated in years to come.

In this Territory there is ample timber for all ordinary purposes if preserved from waste. Your special agent, W. S. Fletcher, esq., has evinced no little energy and tact in putting a stop to the waste of timber in the Territory, and he deserves great credit for his zeal and the exercise of good judgment in the discharge of his official duties.

#### METEOROLOGICAL OBSERVATIONS.

I am indebted to Sergeant Max Frost, of the United States Signal Service at Santa Fé, for the following official data collected during the twelve months ending June 30, 1880, at the several principal stations in New Mexico, and which are appended as interesting in connection with the subject of the climate of New Mexico.



## AT SANTA FE.

Month.	Mean barometer.	Mean thermometer.	Maximum thermometer.	Minimum thermometer.	Relative humidity.	Wind's direction.	Total miles.	Rainfall.	Rainy days.
1879-'80.	<i>Inches.</i>	°	°	°	<i>Per ct.</i>			<i>Inches.</i>	
July .....	29.917	69.7	95.0	47.0	38.1	S.	4,159	2.34	18
August .....	29.911	68.3	94.0	46.0	35.3	N. E.	3,645	2.30	13
September .....	29.965	62.7	90.0	42.0	27.2	E.	3,403	1.07	4
October .....	29.920	49.9	72.0	26.0	41.5	E.	4,413	1.38	4
November .....	29.846	37.2	60.0	15.0	46.7	N.	4,137	1.34	6
December .....	29.752	29.7	53.0	13.0	49.9	N. W.	4,184	.50	7
January .....	29.792	30.7	43.9	13.9	44.6	N. W.	4,889	.28	4
February .....	29.774	26.4	37.6	8.9	47.5	N. W.	2,608	.94	5
March .....	29.713	34.6	48.0	16.3	41.6	N. W.	5,237	.15	4
April .....	29.775	45.8	68.0	17.0	40.1	S. W.	5,686	.05	2
May .....	29.772	58.6	71.4	39.6	21.8	S. W.	6,089	.52	4
June .....	29.813	67.7	81.4	49.8	20.0	S. W.	5,517	.65	9

## AT SOCORRO.

Month.	Mean barometer.	Mean thermometer.	Mean humidity.	Maximum humidity.	Minimum thermometer.	Wind's direction.	Total miles.	Rainfall.	Rainy days.
1879-'80.	<i>Inches.</i>	°	<i>Per ct.</i>	<i>Per ct.</i>	°			<i>Inches.</i>	
July .....	29.465	78.7	41.0	95.0	64.0	S.	.....	22.4	9
August .....	29.464	75.9	33.1	93.0	53.0	S.	2,910	1.46	7
September .....	29.536	33.3	33.3	92.0	45.0	S.	2,149	1.95	4
October .....	29.555	52.9	52.9	79.0	33.0	S.	2,548	2.10	4
November .....	29.527	41.5	41.5	73.0	24.0	N.	2,796	.03	1
December .....	29.453	44.0	44.0	64.0	6.0	N.	3,872	.01	1
January .....	29.481	44.4	44.4	67.0	17.0	N.	3,131	.15	1
February .....	29.488	45.6	45.6	66.0	9.0	N.	5,382	.03	2
March .....	29.399	35.4	35.4	73.0	13.0	S.	5,595	.11	3
April .....	29.423	24.1	24.1	82.0	31.0	S.	5,673	.05	1
May .....	29.378	18.6	18.6	92.0	41.0	S.	5,342	.14	2
June .....	29.423	23.5	23.5	97.0	50.0	S.	4,758	.80	5

## AT MESILLA.

Month.	Mean barometer.	Mean thermometer.	Mean humidity.	Maximum thermometer.	Minimum thermometer.	Wind's direction.	Total miles.	Rainfall.	Rainy days.
1879-'80.	<i>Inches.</i>	°	<i>Per ct.</i>	°	°			<i>Inches.</i>	
July .....	30.187	79.0	46.0	103.0	56.0	S.	1,601	1.87	13
August .....	30.188	78.1	38.4	104.0	51.0	S. E.	1,148	1.02	4
September .....	30.257	74.6	34.4	105.0	42.0	S. E.	1,016	.18	2
October .....	30.259	61.6	48.3	92.0	33.0	S. E.	1,512	.78	4
November .....	30.285	48.6	36.1	82.0	20.0	W.	1,744	.....	.....
December .....	30.231	44.4	37.8	73.0	16.0	W.	2,138	1.26	4
January .....	30.243	45.5	44.3	73.0	20.0	N. E.	1,541	.14	3
February .....	30.262	42.8	45.5	74.0	17.0	S. W.	2,187	.43	4
March .....	30.173	52.2	33.7	81.0	24.0	S. W.	3,218	.52	3
April .....	30.206	61.1	19.0	88.0	31.0	W.	3,590	.45	2
May .....	30.138	71.5	23.9	99.0	44.0	W.	2,385	.....	.....
June .....	30.172	79.6	28.0	104.0	53.0	W.	1,743	.....	.....



REPORT OF THE COMMISSIONER OF  
AT SILVER CITY.

Month.	Mean barometer.	Mean thermom-eter.	Maximum ther-mometer.	Minimum ther-mometer.	Relative humid-ity.	Wind's direction.	Total miles.	Rainfall.	Rainy days.
1879-'80.	<i>Inches.</i>	<i>°</i>	<i>°</i>	<i>°</i>	<i>Per ct.</i>			<i>Inches.</i>	
July .....	30. 226	71. 8	83. 6	60. 0	53. 0	N. W.	1, 941	1. 37	14
August .....	30. 239	68. 6	81. 9	56. 0	54. 0	N. W.	867	3. 85	8
September .....	30. 335	67. 2	80. 0	50. 0	51. 0	W.	1, 008	2. 41	5
October .....	30. 450	54. 3	69. 2	43. 0	.....	N. W.	.....	1. 06	3
November .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
December .....	30. 532	36. 5	55. 1	29. 0	.....	N. W.	3, 008	. 49	5
January .....	30. 588	40. 4	64. 0	7. 0	.....	N. W.	.....	. 47	4
February .....	30. 612	35. 7	60. 0	13. 0	.....	N. W.	5, 362	. 85	6
March .....	30. 443	43. 3	72. 0	22. 0	.....	W.	4, 106	. 53	6
April .....	30. 389	52. 0	79. 0	25. 0	.....	N. W.	4, 723	. 30	3
May .....	30. 183	61. 7	91. 0	30. 0	.....	W.	3, 256	.....	.....
June .....	30. 136	71. 5	97. 0	42. 0	.....	W.	2, 851	. 99	6

For statements of special deposits for surveys by settlers, expenditures for salaries, incidentals, the condition of the several appropriations for this district for the fiscal year ending June 30, 1880, and estimates for the fiscal year ending June 30, 1882 I refer to exhibits G, H, I, K, and L, respectively.

ACCOMPANYING EXHIBITS.

- A.—Statement of public surveys executed under Congressional appropriation.
- B.—Statement of public surveys under sections 2401 and 2402 of Revised Statutes, and their cost.
- C.—List of surveyed townships and their contents in acres.
- A.—List of private land claims in New Mexico which have been surveyed the past year.
- E.—List of mining claims surveyed.
- F.—List of mineral deputy surveyors.
- G.—Statement of special deposits for surveys.
- H.—Statement of expenditures on account of salaries.
- I.—Expenditures for incidental purposes.
- K.—Statement showing the condition of the several appropriations for the fiscal year ending June 30, 1880.
- L.—Estimates for the ensuing fiscal year.
- M.—List descriptive to all private land claims filed under the eighth section of the act of July 22, 1854, Indian pueblo grants and mining, town site, mill site, and placer claims on file June 30, 1880.
- N.—Expenditures under \$850 set aside from appropriation of \$10,000 “for survey of private land claims” for office work.

Very respectfully, your obedient servant,

HENRY M. ATKINSON,  
Surveyor-General.

Hon. J. A. WILLIAMSON,  
Commissioner General Land Office.



A.—Statement of public surveys made out of the regular appropriation for that purpose in the district of New Mexico during the fiscal year ending June 30, 1880.

Contract.			Contractors.	Character of survey.	Townships.	Ranges.	Extent of line surveyed.	Rate per mile.	Cost.		
No.	Date.										
90	May	5, 1879	McBroom and Tipton	First guide meridian east	Through 1, 2, 3, 4, 5, 6, 7, and 8 north. } Through 6, 7, 8, 9, and 10 south..... }	Between 12 and 13 east .....	Mls. chs. lks.			\$10	-----
90	May	5, 1879	.....do .....	.....do .....			77	71	49		
90	May	5, 1879	.....do .....	Closings on parallels.....	-----	-----	32	54	6	-----	
90	May	5, 1879	.....do .....	First correction line north.	Between 4 and 5 north.....	Through 12, 13, 14, 15, 16, 17, 18, and 19 east.	48	00	00	10	-----
90	May	5, 1879	.....do .....	Second correction line north.	Between 8 and 9 north.....	Through 5, 6, and 7 east.....	17	55	00	10	-----
90	May	5, 1879	.....do .....	Fourth correction line north.	Between 16 and 17 north.....	Through 23, 24, 25, 29, 30, 31, 32, and 33 east.	41	27	17	10	-----
90	May	5, 1879	.....do .....	First correction line south.	Between 5 and 6 south.....	Through 10, 11, and 12 east.....	18	00	00	10	-----
90	May	5, 1879	.....do .....	Exteriors .....	Through 7, 8, 9, 10, and fractional 11 north.	Between 5 and 6, 6 and 7 east .....	} 53	43	47	7	-----
90	May	5, 1879	.....do .....	.....do .....	Through 8 north.....	Between 7 and 8 east .....					
90	May	5, 1879	.....do .....	Closings on parallels.....	-----	-----	38	10	6	-----	
90	May	5, 1879	.....do .....	Closings on grant surveys.	-----	-----	2	28	37	6	-----
90	May	5, 1879	.....do .....	Exteriors .....	Between 6 and 7, 7 and 8 north .....	5 east.....	} 48	25	16	7	-----
					Between 6 and 7, 7 and 8, 9 and 10, 10 and 11 north.	6 east.....					
					Between 6 and 7, 9 and 10, 10 and 11 north.	7 east.....					
90	May	5, 1879	.....do .....	.....do .....	Through 1, 2, 3, 4, and 5 south .....	Between 11 and 12, 13 and 14 east .....	60	00	34	7	-----
90	May	5, 1879	.....do .....	.....do .....	Between 1 and 2, 2 and 3, 3 and 4, 4 and 5 south.	Through 12 and 13 east .....	47	76	11	7	-----
90	May	5, 1879	.....do .....	.....do .....	Through 1 and 2 south.....	Between 24 and 25, 26 and 27 east .....	24	16	46	7	-----
90	May	5, 1879	.....do .....	.....do .....	Between 1 and 2 south.....	25 and 26 east.....	12	00	15	7	-----
90	May	5, 1879	.....do .....	.....do .....	Through 6, 7, and 8 south .....	Between 13 and 14, 14 and 15, 15 and 16, 16 and 17, 17 and 18 east.	} 96	41	41	7	-----
					Through 9 south.....	Between 17 and 18 east .....					
90	May	5, 1879	.....do .....		.....do .....	Between 6 and 7, 7 and 8, 8 and 9 south.	13, 14, 15, and 17 east .....	} 83	78	85	7
				.....do .....	Between 6 and 7, 7 and 8 south.....	16 east.....					
90	May	5, 1879	.....do .....	Closings .....	-----	-----	62	89	6	-----	
90	May	5, 1879	.....do .....	Subdivisions.....	12, 13, 14, 15, 16, and 17 south.....	25 east.....	361	57	54	6	-----
90	May	5, 1879	.....do .....	.....do .....	14 and 15 south .....	26 east.....	119	76	65	6	-----
90	May	5, 1879	.....do .....	.....do .....	12, 14, and 15 south.....	27 east.....	179	78	13	6	-----
90	May	5, 1879	.....do .....	.....do .....	7 south .....	16 east.....	59	78	68	6	-----
90	May	5, 1879	.....do .....	.....do .....	Fractional 14 north.....	7 east.....	29	36	6	-----	

NOTE.—This work has all been returned, but not yet platted, and as a portion of it will be charged for at maximum rates, the cost of the work could not be ascertained at end of fiscal year.



B.—Statement of public surveys made under the acts of Congress of May 30, 1862, and March 3, 1872, in the district of New Mexico during the fiscal year ending June 30, 1880.

Contract.		Contractors.	Character of survey.	Townships.	Ranges.	Surveyed.	Rate per mile.	Cost.	Remarks.
No.	Date.								
	1879.					Mls. chs. lks.			
94	July 21	Jacob S. Taylor.....	Subdivisional.....	27 north.....	26 east.....	27 04 70	\$10	\$949 04	
94	July 21	do.....	do.....	do.....	do.....	32 78 43	6		
94	July 21	do.....	do.....	31 north.....	34 east.....	30 05 07	10		
94	July 21	do.....	do.....	do.....	do.....	29 79 45	6		
95	Aug. 11	William White.....	do.....	14 north.....	5 east.....	25 53 70	6	198 36	Re-established. Special rates.
95	Aug. 11	do.....	Connections.....	do.....	do.....	39 17	6		
95	Aug. 11	do.....	Exteriors.....	do.....	do.....	5 73 30	7		
96	Sept. 26	Robert R. Thornton.....	Subdivisional.....	15 north.....	31 east.....	60 01 75	2	138 05	
96	Sept. 26	do.....	Exteriors.....	15 and 16 north.....	do.....	6 00 34	3		
97	Nov. 5	Taylor and Unruh ..	Subdivisional.....	25 north.....	26 east.....	1 78 44	10	6,375 53	{ Amount allowed, there being a de- ficiency of \$4.40 in the deposits.
97	Nov. 5	do.....	do.....	do.....	do.....	57 75 52	6		
97	Nov. 5	do.....	do.....	do.....	33 east.....	1 40 46	10		
97	Nov. 5	do.....	do.....	do.....	do.....	58 50 59	6		
97	Nov. 5	do.....	do.....	27 north.....	24 east.....	2 00 60	10		
97	Nov. 5	do.....	do.....	do.....	do.....	56 30 64	6		
97	Nov. 5	do.....	do.....	28 north.....	25 east.....	22 70 84	10		
97	Nov. 5	do.....	do.....	do.....	do.....	36 73 44	6		
97	Nov. 5	do.....	do.....	do.....	33 east.....	5 35 19	10		
97	Nov. 5	do.....	do.....	do.....	do.....	54 69 64	6		
97	Nov. 5	do.....	do.....	29 north.....	28 east.....	14 00 34	10		
97	Nov. 5	do.....	do.....	do.....	do.....	46 06 33	6		
97	Nov. 5	do.....	do.....	do.....	32 east.....	16 40 38	10		
97	Nov. 5	do.....	do.....	do.....	do.....	43 36 77	6		
97	Nov. 5	do.....	do.....	do.....	33 east.....	19 36 85	10		
97	Nov. 5	do.....	do.....	do.....	do.....	40 32 37	6		
97	Nov. 5	do.....	do.....	30 north.....	27 east.....	27 03 52	10		
97	Nov. 5	do.....	do.....	do.....	do.....	33 03 89	6		
97	Nov. 5	do.....	do.....	do.....	32 east.....	20 40 12	10		
97	Nov. 5	do.....	do.....	do.....	do.....	39 63 91	6		
97	Nov. 5	do.....	do.....	do.....	33 east.....	7 40 05	10		
97	Nov. 5	do.....	do.....	do.....	do.....	52 29 83	6		
97	Nov. 5	do.....	do.....	31 north.....	27 east.....	53 33 05	10		
97	Nov. 5	do.....	do.....	do.....	do.....	7 00 04	6		
97	Nov. 5	do.....	do.....	do.....	33 east.....	29 75 64	10		
97	Nov. 5	do.....	do.....	do.....	do.....	29 78 39	6		
97	Nov. 5	do.....	do.....	do.....	35 east.....	33 37 69	10		
97	Nov. 5	do.....	do.....	do.....	do.....	26 37 90	6		
97	Nov. 5	do.....	Connections.....	do.....	do.....	1 43 59	6		
97	Nov. 5	do.....	Exteriors.....	{ 29 and 30, 30 and 31 north, and 31 north.	{ 28 and 26 east and 26 and 27, 27 and 28 east.	{ 18 10 53 6 00 00	14 7		



98	Jan.	22	Taylor and Shaw	Subdivisional	25 north	34 east	1	40	00	10
98	Jan.	22	do	do	do	do	58	42	83	6
98	Jan.	22	do	do	26 north	33 east	3	40	67	10
98	Jan.	22	do	do	do	do	56	55	26	6
98	Jan.	22	do	do	29 north	26 east	16	40	06	10
98	Jan.	52	do	do	do	do	43	45	66	6
98	Jan.	22	do	do	30 north	28 east	27	02	52	10
98	Jan.	22	do	do	do	do	33	00	29	6
98	Jan.	22	do	do	do	34 east	16	79	81	10
98	Jan.	22	do	do	do	do	43	01	61	6
98	Jan.	22	do	do	21 north	31 east	21	77	10	10
98	Jan.	22	do	do	do	do	37	66	16	6
98	Jan.	22	do	do	23 north	do	10	77	24	10
98	Jan.	22	do	do	do	do	49	18	74	6
98	Jan.	22	do	do	do	32 east	4	00	44	10
98	Jan.	22	do	do	do	do	56	47	30	6
98	Jan.	22	do	do	do	33 east	2	74	50	10
98	Jan.	22	do	do	do	do	57	67	81	6
98	Jan.	22	do	do	24 north	do	1	40	38	10
98	Jan.	22	do	do	do	do	59	42	64	6
98	Jan.	22	do	do	27 north	do	5	48	73	10
98	Jan.	22	do	do	do	do	54	57	11	6
98	Jan.	22	do	do	24 north	32 east	1	00	00	10
98	Jan.	22	do	do	do	do	59	40	15	6
98	Jan.	22	do	do	do	31 east	60	51	82	6
98	Jan.	22	do	do	26 north	34 east	2	00	22	10
98	Jan.	22	do	do	do	do	58	10	21	6
98	Jan.	22	do	do	27 north	35 east	3	39	90	10
98	Jan.	22	do	do	do	do	56	40	33	6
98	Jan.	22	do	do	24 north	34 east	40	40	40	10
98	Jan.	22	do	do	do	do	60	69	97	6
98	Jan.	22	do	do	29 north	do	59	68	80	6
98	Jan.	22	do	do	28 north	do	59	61	24	6
98	Jan.	22	do	Connections			2	31	56	6
98	Jan.	22	do	Exteriors	East and south boundary of 24 north.	34 east	12	20	09	7
98	Jan.	22	do	Subdivisional	27 north	do	1	00	00	10
98	Jan.	22	do	do	do	do	59	19	19	6
98	Jan.	22	do	do	28 north	31 east	1	40	00	10
98	Jan.	22	do	do	do	do	58	33	25	6
98	Jan.	22	do	do	do	35 east	59	53	06	6
98	Jan.	22	do	do	do	36 east	59	69	08	6
98	Jan.	22	do	do	29 north	35 east	1	00	00	10
98	Jan.	22	do	do	do	do	58	68	28	6
98	Jan.	22	do	do	do	36 east	2	40	16	10
98	Jan.	22	do	do	do	do	57	36	80	6
98	Jan.	22	do	do	30 north	35 east	8	00	01	10
98	Jan.	22	do	do	do	do	51	67	91	6
98	Jan.	22	do	do	do	36 east	19	42	16	10
98	Jan.	22	do	do	do	do	40	36	37	6
98	Jan.	22	do	Connections			1	20	77	6

10, 101 61

{ Amount allowed, there being a deficiency of \$0.46 in the deposits.



## B.—Statement of public surveys made under the acts of Congress of May 30, 1862, and March 3, 1872, in the district of New Mexico, &amp;c.—Continued.

Contract.		Contractors.	Character of survey.	Townships.	Ranges.	Surveyed.	Rate per mile.	Cost.	Remarks.
No.	Date.								
	1880.					<i>Mls. chs. lks.</i>			
99	Mar. 1	A. B. Cauldwell.....	Subdivisional.....	23 north.....	34 east.....	59 69 21	6	\$6,880 76	{ Amount allowed, there being a de- ficiency of \$0.80 in the deposits.
99	Mar. 1	do.....	do.....	25 north.....	35 east.....	1 40 63	10		
99	Mar. 1	do.....	do.....	do.....	do.....	58 35 86	6		
99	Mar. 1	do.....	do.....	do.....	36 east.....	60 05 11	6		
99	Mar. 1	do.....	do.....	26 north.....	35 east.....	5 40 94	10		
99	Mar. 1	do.....	do.....	do.....	do.....	54 33 69	6		
99	Mar. 1	do.....	do.....	do.....	36 east.....	60 08 16	6		
99	Mar. 1	do.....	do.....	27 north.....	27 east.....	16 37 83	10		
99	Mar. 1	do.....	do.....	do.....	do.....	43 35 13	6		
99	Mar. 1	do.....	do.....	do.....	28 east.....	2 00 30	10		
99	Mar. 1	do.....	do.....	do.....	do.....	58 01 65	6		
99	Mar. 1	do.....	do.....	do.....	36 east.....	59 74 40	6		
99	Mar. 1	do.....	do.....	28 north.....	26 east.....	15 75 95	10		
99	Mar. 1	do.....	do.....	do.....	do.....	43 78 79	6		
99	Mar. 1	do.....	do.....	do.....	28 east.....	3 40 73	10		
99	Mar. 1	do.....	do.....	do.....	do.....	56 37 92	6		
99	Mar. 1	do.....	Connections.....	East and south boundary of 23 north.	do.....	52 75	6		
99	Mar. 1	do.....	Exteriors.....		34 east.....	12 00 48	7		
99	Mar. 1	do.....	Subdivisional.....	22 north.....	29 east.....	6 02 91	10		
99	Mar. 1	do.....	do.....	do.....	do.....	54 04 74	6		
99	Mar. 1	do.....	do.....	do.....	30 east.....	13 43 65	10		
99	Mar. 1	do.....	do.....	do.....	do.....	46 45 69	6		
99	Mar. 1	do.....	do.....	26 north.....	27 east.....	18 38 84	10		
99	Mar. 1	do.....	do.....	do.....	do.....	41 36 91	6		
99	Mar. 1	do.....	do.....	28 north.....	29 east.....	22 75 27	10		
99	Mar. 1	do.....	do.....	do.....	do.....	36 77 29	6		
99	Mar. 1	do.....	do.....	29 north.....	do.....	23 78 99	10		
99	Mar. 1	do.....	do.....	do.....	do.....	36 01 04	6		
99	Mar. 1	do.....	do.....	31 north.....	28 east.....	51 76 07	10		
99	Mar. 1	do.....	do.....	do.....	do.....	7 78 98	6		
99	Mar. 1	do.....	do.....	32 north.....	do.....	20 56 03	10		
99	Mar. 1	do.....	do.....	do.....	do.....	4 10 18	6		
99	Mar. 1	do.....	Connections.....	31 and 32 north	do.....	1 12 88	6		
99	Mar. 1	do.....	Exteriors.....		28 east.....	3 77 00	14		
99	Mar. 1	do.....	do.....		do.....	2 00 00	7		
						3,666 67 04		24,643 35	



C.—List of surveyed townships and contents thereof in acres in the district of New Mexico at the close of the fiscal year ending June 30, 1880.

Whole number.	Township.	Range.	Grants embraced.	Reservations embraced.	Township area surveyed.	Plats transmitted.	Remarks.
.....	.....	.....	1, 068, 050. 44	13, 960. 00	8, 237, 796. 15	.....	Corrected totals June 30, 1879.
397	20 south ..	25 east ..	.....	.....	23, 042. 96	Oct. 10, 1879	
398	20 south ..	26 east ..	.....	.....	23, 037. 67		
399	18 south ..	26 east ..	.....	.....	23, 013. 81		
400	27 north ..	26 east ..	.....	.....	23, 020. 79	Nov. 26, 1879	
401	31 north ..	34 east ..	.....	.....	23, 027. 40		
402	14 north ..	5 east ..	.....	.....	10, 363. 86	Oct. 8, 1879	
403	15 north ..	31 east ..	.....	.....	23, 057. 37	Mar. 13, 1880	
404	25 north ..	26 east ..	.....	.....	23, 017. 40		
405	25 north ..	33 east ..	.....	.....	23, 129. 29	Feb. 20, 1880	
406	27 north ..	24 east ..	.....	.....	21, 828. 70		
407	28 north ..	25 east ..	.....	.....	22, 917. 02		
408	28 north ..	33 east ..	.....	.....	23, 211. 16		
409	29 north ..	28 east ..	.....	.....	23, 085. 26		
410	29 north ..	32 east ..	.....	.....	23, 007. 11		
411	29 north ..	33 east ..	.....	.....	22, 940. 46		
412	30 north ..	27 east ..	.....	.....	23, 095. 45		
413	30 north ..	32 east ..	.....	.....	23, 264. 11		
414	30 north ..	33 east ..	.....	.....	22, 943. 38		
415	31 north ..	27 east ..	.....	.....	23, 263. 40	Apr. 13, 1880	
416	31 north ..	33 east ..	.....	.....	22, 938. 99		
417	31 north ..	35 east ..	.....	.....	22, 955. 59		
418	26 north ..	33 east ..	.....	.....	23, 159. 97		
419	25 north ..	34 east ..	.....	.....	23, 079. 99	May 6, 1880	
420	29 north ..	26 east ..	.....	.....	23, 011. 56		
421	30 north ..	28 east ..	.....	.....	23, 102. 12		
422	30 north ..	34 east ..	.....	.....	23, 017. 59	June 25, 1880	
423	21 north ..	31 east ..	.....	.....	22, 986. 91		
424	23 north ..	31 east ..	.....	.....	23, 177. 74		
425	23 north ..	32 east ..	.....	.....	23, 440. 74		
426	23 north ..	33 east ..	.....	.....	22, 886. 57	June 30, 1880	
427	24 north ..	33 east ..	.....	.....	23, 835. 68		
428	24 north ..	31 east ..	.....	.....	23, 557. 61		
429	24 north ..	32 east ..	.....	.....	23, 592. 93		
430	24 north ..	34 east ..	.....	.....	24, 023. 99	June 30, 1880	
431	26 north ..	34 east ..	.....	.....	23, 124. 27		
432	27 north ..	33 east ..	.....	.....	23, 261. 95		
433	27 north ..	35 east ..	.....	.....	22, 999. 17		
434	28 north ..	34 east ..	.....	.....	22, 887. 83	..... { Ready for transmittal.	
435	29 north ..	34 east ..	.....	.....	23, 045. 75		
436	27 north ..	34 east ..	.....	.....	23, 158. 68		
437	28 north ..	31 east ..	.....	.....	22, 964. 62		
438	28 north ..	35 east ..	.....	.....	21, 827. 35	..... {	
439	28 north ..	36 east ..	.....	.....	22, 889. 41		
440	29 north ..	35 east ..	.....	.....	22, 949. 84		
441	29 north ..	36 east ..	.....	.....	22, 990. 73		
442	30 north ..	35 east ..	.....	.....	22, 930. 43	June 30, 1880	
443	30 north ..	36 east ..	.....	.....	23, 002. 14		
444	23 north ..	34 east ..	.....	.....	22, 970. 61		
445	25 north ..	35 east ..	.....	.....	22, 970. 56		
446	25 north ..	36 east ..	.....	.....	23, 090. 17		
447	26 north ..	35 east ..	.....	.....	23, 006. 52		
448	26 north ..	36 east ..	.....	.....	23, 104. 74		
449	27 north ..	27 east ..	.....	.....	23, 023. 36		
450	27 north ..	28 east ..	.....	.....	23, 076. 25		
451	27 north ..	36 east ..	.....	.....	23, 013. 05		
452	28 north ..	26 east ..	.....	.....	23, 005. 72		
453	28 north ..	28 east ..	.....	.....	23, 036. 92		
Total..	.....	.....	1, 068, 050. 44	13, 960. 00	9, 539, 160. 80		

HENRY M. ATKINSON,  
Surveyor General.

SURVEYOR GENERAL'S OFFICE,  
Santa Fe, N. Mex., August 31, 1880.



D.—Private land claims surveyed and under contract for survey in the district of New Mexico during and at the close of the fiscal year ending June 30, 1880.

Contract.		Claim surveyed.		Surveyor.	Surveyed.	Bound-ary.	Cost of survey.			Area.	Survey approved.	Work transmitted.	Remarks.
No.	Date.	No.	Name.				Field work.	Office work.	Total.				
	1879.					M. C. L.				Acres.			
91	May 5	56	The Gotera.....	John Shaw .....	Oct., 1879								Not ready to transmit.
91	May 5	68	Luis de Armenta .....	do .....	Sept., 1879								Do.
91	May 5	76	San Antonio del Rio Colorado.	do .....	Sept., 1879								Do.
91	May 5	109	Francisca Antonia de Gijosa.	do .....	Sept., 1879								Do.
91	May 5	111	Santa Teresa .....	do .....									Not surveyed.
91	May 5	112	José Trujillo .....	do .....	Oct., 1879	15 49 97	\$253 63	\$32 61	\$286 24	5,999.69	1880. June 30		Nearly ready to transmit.
91	May 5	114	Santa Barbara .....	do .....	Sept., 1879	27 72 97	419 88	48 91	468 79	18,489.23	June 30		Do.
91	May 5	19	E. W. Eaton .....	do .....	Oct., 1879	47 05 75	754 87	48 91	803 78	81,032.67	June 30		Do.
91	May 5	118	Borrego Spring .....	do .....	Oct., 1879								Not ready to transmit.
91	May 5	119	San Miguel del Bada ..	do .....	Nov., 1879 } Dec., 1879 }	106 10 39	1,400 80	65 22	1,466 02	315,300.80	June 30		Nearly ready to transmit.
93	July 17	58	Rancho del Rio Grande.	Robert G. Marmon.	Sept., 1879	59 37 10	954 30	46 13	1,000 43	109,043.08	1879. Dec. 1	1879. Dec. 8	
93	July 17	74	Marquez and Padilla ..	do .....	Sept., 1879	4 42 06	72 70	34 34	107 04	637.23	Dec. 1	1880. Mar. 27	
93	July 17	103	Agua Salada .....	do .....	Aug., 1879	24 59 95	262 11	33 96	296 07	18,046.59	Dec. 1	1879. Dec. 8	
93	July 17	113	Cañon de Pederualdez ..	do .....									Not surveyed.
93	July 17	115	Cieneguilla .....	do .....	Aug., 1879	39 34 85	636 86	54 94	691 80	45,244.73	Dec. 1	1880. Mar. 27	
93	July 17	116	Antonio Martinez .....	do .....	Sept., 1879	44 50 25	800 66	67 30	867 96	67,480.02	Dec. 1	Mar. 27	
93	July 17	122	Cañon de San Diego .....	do .....	May, 1880								Not ready to transmit.
93	July 17	V	Pueblo of Zuñi .....	do .....	Apr., 1880								Do.
						369 43 29	5,555 81	432 32	5,988 13	661,274.04			

HENRY M. ATKINSON,  
Surveyor General.

SURVEYOR GENERAL'S OFFICE,  
Santa Fé, N. Mex., August 31, 1880.



E.—List of mineral and mill-site claims surveyed in the Territory of New Mexico during the year ending June 30, 1880, together with the amounts of deposits for office work, amounts expended, &c.

Name of claim.	County.	Mining district.	Surveyed.	Surveyor.	Plat approved.	Deposit.	Cost of office work.	Refund-able to de-positors.	Remarks.
Legal tender .....	Grant .....	Silver Flat .....	October, 1879 ..	John R. Fraser .....	Oct. 31, 1879	\$40 00	\$39 88	\$0 12	Resurvey.
Bremen .....	do .....	Chloride Flat .....	July, 1879 .....	do .....	Aug. 23, 1879	35 00	32 64	2 36	
'76 .....	do .....	do .....	do .....	do .....	Aug. 23, 1879	35 00	28 56	6 44	
Baker .....	Santa Fé .....	Virginia .....	May, 1876 .....	William McMullen ..	Feb. 25, 1880	20 00	19 98	02	
Atwood .....	Grant .....	Virginia .....	December, 1879	Henry C. Harper .....	Mar. 31, 1880	35 00	34 33	67	Resurvey. Do. No deposit. Do. Do.
Evening Star .....	do .....	do .....	do .....	do .....	Mar. 31, 1880	35 00	34 33	67	
Yellow Jacket .....	do .....	do .....	do .....	do .....	Mar. 31, 1880	35 00	34 33	67	
Ophir .....	do .....	do .....	do .....	do .....	Mar. 31, 1880	35 00	34 33	67	
Henry Clay .....	do .....	do .....	do .....	do .....	Mar. 31, 1880	35 00	34 33	67	
New Issue .....	do .....	Silver Flat .....	do .....	John R. Fraser .....	Mar. 5, 1880	30 00	29 99	01	
Uncle Samuel .....	do .....	Mimbres .....	May, 1875 .....	J. M. Louder .....	Mar. 6, 1880	35 00	34 98	02	
Artesian Well .....	Santa Fé .....	do .....	May, 1876 .....	William McMullen ..	Apr. 16, 1880	30 00	29 89	11	
Pacific .....	Grant .....	Pinos Altos .....	August, 1879 ..	John R. Fraser .....	Apr. 13, 1880	30 00	29 96	04	
Pacific, South Extension .....	do .....	do .....	do .....	do .....	Apr. 13, 1880	30 00	29 96	04	
Josephine .....	do .....	Silver Flat .....	January, 1880 ..	do .....	.....	.....	.....	.....	
Volcano, North Extension .....	do .....	do .....	do .....	do .....	.....	.....	.....	.....	
Northwest Extension No. 1 Sil-ver Bar.	Socorro .....	Cooney .....	March, 1880 ..	do .....	.....	.....	.....	.....	

SURVEYOR GENERAL'S OFFICE, *Santa Fé, N. Mex., August 31, 1880.*

HENRY M. ATKINSON, *Surveyor General.*

F.—Mineral deputy surveyors in commission, under the mining act of May 10, 1872, in the district of New Mexico on June 30, 1880.

Name.	Residence.	Date of com-mission.	Name.	Residence.	Date of com-mission.
George Taylor .....	Las Vegas, San Miguel County .....	Dec. 18, 1878	George B. Barber .....	Lincoln, Lincoln County .....	Nov. 5, 1879.
Robert G. Marmon .....	Laguna, Valencia County .....	Jan. 15, 1879	Jacob L. Hayward .....	Cerrillos, Santa Fé County .....	Jan. 1, 1880.
John R. Fraser .....	Silver City, Grant County .....	June 12, 1879	John J. Hastings .....	Silver City, Grant County .....	Mar. 15, 1880.
Henry C. Harper .....	Shakespeare, Grant County .....	Aug. 23, 1879	Augustus P. Barnard .....	Socorro, Socorro County .....	Mar. 16, 1880.
Charles B. Wheelock .....	Santa Fé, Santa Fé County .....	Oct. 1, 1879	Wilton R. Brown .....	Shakespeare, Grant County .....	Mar. 17, 1880.
John Campbell .....	Las Vegas, San Miguel County .....	Oct. 30, 1879	J. Howe Watts .....	White Oak, Lincoln County .....	Mar. 20, 1880.

SURVEYOR GENERAL'S OFFICE, *Santa Fé, N. Mex., August 31, 1880.*

HENRY M. ATKINSON, *Surveyor General.*



G. -Statement of deposits by individuals for the survey of public lands in the Territory of New Mexico, under section 2401 of the United States Revised Statutes, during the fiscal year ending June 30, 1880.

Date of deposit.	No. of certificate.	Depositor.	Township.	Range.	For field work.	For office work.	Total deposits.	No. of contract.	By whom surveyed.	Date of survey.	Expenditure for field work.	Expenditure for office work.	Total expended.	Balance unexpended.	When transmitted.
1879.															
July 12	97	James E. Harvey .....	31 north.	34 east .	\$165 00	\$35 00	\$200 00	94	{ Jacob S. Taylor.	Aug. and Sept., 1879.	\$165 00	\$35 00	\$200 00		{ Nov. 29, 1879.
12 98		Frank Davis .....	31 north.	34 east .	200 00	.....	200 00				200 00	.....	200 00	.....	
12 99		George Sailer .....	31 north.	34 east .	100 00	.....	100 00				100 00	.....	100 00	.....	
Nov. 25	155	W. H. McBroom .....	31 north.	34 east .	15 58	.....	15 58				15 58	.....	15 58	.....	
July 12	100	Franklin Unruh.....	27 north.	26 east .	165 00	35 00	200 00	95	{ William White....	Aug., 1879	165 00	35 00	200 00		{ Oct. 8, 1879.
12 101		Joel J. Fose .....	27 north.	26 east .	200 00	.....	200 00				200 00	.....	200 00	.....	
12 102		James Mooney .....	27 north.	26 east .	100 00	.....	100 00				100 00	.....	100 00	.....	
Nov. 25	154	W. H. McBroom .....	27 north.	29 east .	3 46	.....	3 46				3 46	.....	3 46	.....	
Aug. 8	103	M. S. Otero .....	14 north.	5 east .	175 00	35 00	210 00	96	{ R. R. Thornton....	Sept., 1879	175 00	35 00	210 00		{ March 13, 1880.
Nov. 21	153	William Mailano .....	14 north.	5 east .	23 36	.....	23 36				23 36	.....	23 36	.....	
Sept. 12	104	Francisco Gallegos .....	15 north.	31 east .	23 00	40 00	63 00				19 72	39 93	59 65	3 35	
12 105		Dionicio Gallegos.....	15 north.	31 east .	23 00	.....	23 00				19 72	.....	19 72	3 28	
12 106		Emiterio Gallegos .....	15 north.	31 east .	23 00	.....	23 00	96	{	Nov., 1879	19 72	.....	19 72	3 28	{
12 107		J. M. Gallegos y Sanchez	15 north.	31 east .	23 00	.....	23 00				19 72	.....	19 72	3 28	
12 108		Macario Gallegos.....	15 north.	31 east .	23 00	.....	23 00				19 72	.....	19 72	3 28	
12 109		Eugenio Gallegos .....	15 north.	31 east .	23 00	.....	23 00				19 72	.....	19 72	3 28	
12 110		Quirnio Gallegos .....	15 north.	31 east .	23 00	.....	23 00	96	{	Nov. and Dec., 1879.	19 72	.....	19 72	3 28	{
Oct. 29	111	Manuel Tapia .....	31 north.	27 east .	160 00	40 00	200 00				19 73	.....	19 73	3 27	
29 112		Gabriel Abeyta.....	31 north.	27 east .	200 00	.....	200 00				160 00	40 00	200 00	.....	
29 113		Thomas E. Owen .....	31 north.	27 east .	200 00	.....	200 00				200 00	.....	200 00	.....	
29 114		Frederick Wolford .....	31 north.	27 east .	150 00	.....	150 00	96	{	Dec., 1879	150 00	.....	150 00	.....	{
Nov. 4	123	Juan Gutierrez.....	31 north.	27 east .	117 00	15 00	132 00				117 00	15 00	132 00	.....	
1880.		.....do .....	31 north.	27 east .	62 97	.....	62 97				62 97	.....	62 97	.....	
Feb. 6	380	.....do .....	31 north.	27 east .	62 97	.....	62 97				62 97	.....	62 97	.....	
1879.								96	{	Dec., 1879	165 00	35 00	200 00	.....	{
Oct. 29	115	Ben. Franklin Smith....	30 north.	27 east .	165 00	35 00	200 00				50 00	.....	50 00	.....	
29 116		Frederick Wolford .....	30 north.	27 east .	50 00	.....	50 00				3 73	.....	3 73	.....	
1880.		.....do .....	30 north.	27 east .	3 73	.....	3 73				150 00	.....	150 00	.....	
Feb. 6	384	.....do .....	30 north.	27 east .	3 73	.....	3 73	96	{	Dec., 1879	100 00	.....	100 00	.....	{
1879.											165 00	35 00	200 00	.....	
Oct. 29	117	Ranaldo Sabato .....	30 north.	27 east .	150 00	.....	150 00				200 00	.....	200 00	.....	
29 118		Pablo Baca .....	30 north.	27 east .	100 00	.....	100 00				200 00	.....	200 00	.....	
29 119		George E. Briggs .....	30 north.	33 east .	165 00	35 00	200 00	96	{	Dec., 1879	165 00	35 00	200 00	.....	{
29 120		.....do .....	30 north.	33 east .	200 00	.....	200 00				200 00	.....	200 00	.....	
1880.											24 23	.....	24 23	.....	
Feb. 6	385	Pablo Baca .....	30 north.	33 east .	24 23	.....	24 23				24 23	.....	24 23	.....	



1879.	Oct. 29	121	Hampton W. Leighton..	30 north.	32 east.	165 00	35 00	200 00
	29	122	George W. Whittaker ..	30 north.	32 east.	200 00	.....	200 00
1880.	Feb. 6	382	Frederick D. Wight ....	30 north.	32 east.	78 80	.....	78 80
1879.	Nov. 4	124	Edward Johnson .....	31 north.	33 east.	165 00	35 00	200 00
		125				100 00	.....	100 00
1880.	Feb. 6	378	.....do .....	31 north.	33 east.	14 15	.....	14 15
1879.	Nov. 4	126	Felis A. Morales.....	31 north.	33 east.	200 00	.....	200 00
	4	127	James Martin .....	29 north.	28 east.	165 00	45 00	210 00
	4	128	.....do .....	29 north.	28 east.	50 00	.....	50 00
1880.	Feb. 6	381	.....do .....	29 north.	28 east.	1 51	.....	1 51
1879.	Nov. 4	129	Juan de Jesus Gallegos.	29 north.	28 east.	200 00	.....	200 00
	4	130	W. A. Barrett .....	29 north.	32 east.	165 00	35 00	200 00
	4	131	Charles A. Filtsch .....	29 north.	32 east.	200 00	.....	200 00
1880.	Feb. 6	375	Frank Banks .....	29 north.	32 east.	60 80	.....	60 80
1879.	Nov. 4	132	Santos Ortega .....	29 north.	33 east.	165 00	35 00	200 00
1880.	Feb. 6	376	.....do .....	29 north.	33 east.	72 02	.....	72 02
1879.	Nov. 4	133	W. A. Barrett .....	29 north.	33 east.	200 00	.....	209 00
	4	134	William H. Rogers .....	28 north.	25 east.	150 00	35 00	185 00
	4	135	Jerome Troy .....	28 north.	25 east.	150 00	.....	150 00
	4	136	Oscar Troy .....	28 north.	25 east.	150 00	.....	150 00
	4	137	Jesus Gutierrez .....	28 north.	33 east.	165 00	35 00	200 00
	4	138	Diego Sanchez.....	28 north.	33 east.	200 00	.....	200 00
1880.	Feb. 6	379	.....do .....	28 north.	33 east.	19 90	.....	19 90
1879.	Nov. 4	139	Miguel Velarde.....	27 north.	24 east.	165 00	35 00	200 00
	4	140	Andrew Young.....	27 north.	24 east.	200 00	.....	200 00
	4	141	Henry Gray .....	25 north.	26 east.	165 00	35 00	200 00
	4	142	.....do .....	25 north.	26 east.	200 00	.....	200 00
1880.	Feb. 6	383	.....do .....	25 north.	26 east.	2 46	.....	2 46
1879.	Nov. 4	143	Marcos Hinojos .....	25 north.	33 east.	165 00	35 00	200 00
	4	144	Lorenzo Labadi .....	25 north.	33 east.	200 00	.....	200 00
	4	145	Joel Peacock.....	31 north.	35 east.	165 00	35 00	200 00
	4	146	.....do .....	31 north.	35 east.	200 00	.....	200 00
	4	147	.....do .....	31 north.	35 east.	120 00	.....	120 00
1880.	Feb. 6	377	.....do .....	31 north.	35 east.	7 96	.....	7 96

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{ Taylor and Unruh.

Dec., 1879	165 00	35 00	200 00	.....
	200 00	.....	200 00	.....
	78 80	.....	78 80	.....
	165 00	35 00	200 00	.....
Jan., 1880	100 00	.....	100 00	.....
	14 15	.....	14 15	.....
	200 00	.....	200 00	.....
	165 00	45 00	210 00	.....
Dec., 1879	50 00	.....	50 00	.....
	1 51	.....	1 51	.....
	200 00	.....	200 00	.....
	165 00	35 00	200 00	.....
Nov., 1879	200 00	.....	200 00	.....
	60 80	.....	60 80	.....
	165 00	35 00	200 00	.....
	72 02	.....	72 02	.....
Dec., 1879	200 00	.....	200 00	.....
	150 00	35 00	185 00	.....
and Jan., 1880.	150 00	.....	150 00	.....
	150 00	.....	150 00	.....
Dec., 1879	165 00	35 00	200 00	.....
	200 00	.....	200 00	.....
	19 90	.....	19 90	.....
	165 00	35 00	200 00	.....
Jan., 1880	200 00	.....	200 00	.....
	165 00	35 00	200 00	.....
Dec., 1879	200 00	.....	200 00	.....
	2 46	.....	2 46	.....
	165 00	35 00	200 00	.....
	200 00	.....	200 00	.....
Jan., 1880	165 00	35 00	200 00	.....
	200 00	.....	200 00	.....
Dec., 1879, Jan., 1880.	165 00	35 00	200 00	.....
	200 00	.....	200 00	.....
	120 00	.....	120 00	.....
	7 96	.....	7 96	.....

Feb. 20, 1880.



G.—Statement of deposits by individuals for the survey of public lands in the Territory of New Mexico, &c.—Continued.

Date of deposit.	No. of certificate.	Depositor.	Township.	Range.	For field work.	For office work.	Total deposits.	No. of contract.	By whom surveyed.	Date of survey.	Expenditure for field work.	Expenditure for office work.	Total expended.	Balance unex- pended.	When transmit- ted.
1880.															
Jan. 22	347	Isaac McClary.....	25 north.	34 east.	\$165 00	\$35 00	\$200 00	98	Taylor & Shaw	Mar., 1880.	\$165 00	\$35 00	\$200 00		
Jan. 22	348	Irvin McClary.....	25 north.	34 east.	200 00	.....	200 00								
Apr. 7	117	do.....	25 north.	34 east.	1 21	.....	1 21								
Jan. 22	349	Ephraim M. Jackson...	26 north.	33 east.	165 00	35 00	200 00								
Jan. 22	350	do.....	26 north.	33 east.	200 00	.....	200 00								
Apr. 7	113	do.....	26 north.	33 east.	10 23	.....	10 23								
Jan. 22	358	Samuel P. Bailey.....	29 north.	26 east.	165 00	35 00	200 00								
Jan. 22	359	Lycurgus Troy.....	29 north.	26 east.	100 00	.....	100 00								
Jan. 22	360	do.....	29 north.	26 east.	100 00	.....	100 00								
Apr. 7	115	do.....	29 north.	26 east.	61 42	.....	61 42								
Jan. 3	170	Esquio Peña.....	30 north.	28 east.	200 00	.....	200 00								
Jan. 3	171	do.....	30 north.	28 east.	200 00	.....	200 00								
Jan. 3	172	do.....	30 north.	28 east.	65 00	35 00	100 00								
Apr. 7	116	do.....	30 north.	28 east.	3 33	.....	3 33								
Jan. 22	361	Daniel L. Taylor.....	30 north.	34 east.	165 00	35 00	200 00								
Apr. 7	114	do.....	30 north.	34 east.	63 09	.....	63 09								
Jan. 22	362	Samuel Doss.....	30 north.	34 east.	200 00	.....	200 00								
Jan. 7	177	Apolonia Vigil.....	21 north.	31 east.	200 00	.....	200 00								
Jan. 7	178	do.....	21 north.	31 east.	165 00	35 00	200 00								
May 4	121	do.....	21 north.	31 east.	81 60	.....	81 60								
Jan. 22	181	Jerome G. Abbott.....	23 north.	31 east.	115 00	35 00	150 00								
Jan. 22	182	do.....	23 north.	31 east.	50 00	.....	50 00								
Jan. 22	183	Horace C. Abbott.....	23 north.	31 east.	100 00	.....	100 00								
Jan. 22	184	do.....	23 north.	31 east.	100 00	.....	100 00								
May 4	118	do.....	23 north.	31 east.	40 06	.....	40 06								
Jan. 22	185	Robert C. Beatie.....	23 north.	32 east.	165 00	35 00	200 00								
Jan. 22	186	do.....	23 north.	32 east.	206 00	.....	200 00								
May 4	119	do.....	23 north.	32 east.	14 61	.....	14 61								
Jan. 22	187	Lewis Goodwin.....	23 north.	33 east.	165 35	35 00	200 00								
Jan. 22	188	do.....	23 north.	33 east.	200 00	.....	200 00								
May 4	120	do.....	23 north.	33 east.	5 39	.....	5 39								
Jan. 22	343	Charles B. Adams.....	24 north.	33 east.	155 00	45 00	200 00								
Jan. 22	344	do.....	24 north.	33 east.	100 00	.....	100 00								
Jan. 22	345	do.....	24 north.	33 east.	100 00	.....	100 00								
Jan. 22	346	José Padilla.....	24 north.	33 east.	90 00	.....	90 00								



22	189	Juan Pedro Sanchez	24 north.	31 east	65 00	35 00	100 00
22	334	do	24 north.	31 east	100 00		100 00
22	335	Miguel Sanchez	24 north.	31 east	100 00		100 00
22	336	do	24 north.	31 east	100 00		100 00
June 21	210	do	24 north.	31 east	2 12		2 12
Jan. 22	337	Velargo Ortega	24 north.	32 east	160 00	35 00	195 00
22	338	do	24 north.	32 east	100 00		100 00
22	339	do	24 north.	32 east	100 00		100 00
June 21	209	do	24 north.	32 east	11 07		11 07
Jan. 22	340	John C. Williams	24 north.	34 east	165 00	35 00	200 00
22	341	do	24 north.	34 east	100 00		100 00
22	342	do	24 north.	34 east	100 00		100 00
June 21	213	do	24 north.	34 east	96 77		96 77
Jan. 22	363	A. B. Cauldwell	26 north.	34 east	165 00	35 00	200 00
22	364	do	26 north.	34 east	200 00		200 00
June 21	211	do	26 north.	34 east	3 79		3 79
Jan. 22	351	Antonio Lucero	27 north.	33 east	165 00	35 00	200 00
22	352	Cristoval Trujillo	27 north.	33 east	200 00		200 00
June 21	208	do	27 north.	33 east	19 37		19 37
Jan. 3	156	José Albino Baca	27 north.	35 east	200 00		200 00
3	157	do	27 north.	35 east	165 00	35 00	200 00
June 21	212	do	27 north.	35 east	9 01		9 01
Jan. 3	158	Pedro Gonzales	28 north.	34 east	200 00		200 00
3	159	do	28 north.	34 east	165 00	35 00	200 00
3	164	Faustin Abeita	29 north.	34 east	200 00		200 00
3	165	do	29 north.	34 east	165 00	35 00	200 00
					14, 852 00	1,305 00	16, 157 00
Jan. 22	353	Marcos Analla	27 north.	34 east	165 00	35 00	200 00
22	354	Pablo Santistevan	27 north.	34 east	200 00		200 00
22	355	Rafael Reigo	28 north.	31 east	165 00	35 00	200 00
22	356	do	28 north.	31 east	100 00		100 00
22	357	do	28 north.	31 east	100 00		100 00
Add'l.	288	do	28 north.	31 east	3 92		3 92
Jan. 3	160	Velario Baca	28 north.	35 east	200 00		200 00
3	161	do	28 north.	35 east	165 00	35 00	200 00
3	162	Faustin Garcia	28 north.	36 east	200 00		200 00
3	163	do	28 north.	36 east	165 00	35 00	200 00
3	166	Mariano Sisneros	29 north.	35 east	200 00		200 00
3	167	do	29 north.	35 east	165 00	35 00	200 00
3	168	Fructuoso Ortiz	29 north.	36 east	200 00		200 00
3	169	do	29 north.	36 east	165 00	35 00	200 00
Add'l.	285	do	29 north.	36 east	4 78		4 70
Jan. 3	175	Francisco Manzanares	30 north.	35 east	200 00		200 00
3	176	do	30 north.	35 east	165 00	35 00	200 00
Add'l.	286	do	30 north.	35 east	26 09		26 09
Jan. 3	173	Longino Aragon	30 north.	36 east	200 00		200 00
3	174	do	30 north.	36 east	165 00	35 00	200 00
Add'l.	287	do	30 north.	36 east	73 00		73 00

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Mar. and Apr., 1880.	65 00	34 33	99 33	67
	100 00		100 00	
	100 00		100 00	
	100 00		100 00	
Mar., 1880.	2 12		2 12	
	160 00	35 00	195 00	
	100 00		100 00	
	100 00		100 00	
Apr., 1880.	11 07		11 07	
	165 00	34 33	199 33	67
	100 00		100 00	
	100 00		100 00	
Apr., 1880.	96 77		96 77	
	165 00	35 00	200 00	
	200 00		200 00	
	3 79		3 79	
Mar., 1880.	165 00	34 33	199 33	67
	200 00		200 00	
	19 37		19 37	
	200 00		200 00	
Apr., 1880.	165 00	34 33	199 33	67
	9 01		9 01	
	200 00		200 00	
	159 94	34 33	194 27	5 73
May, 1880.	200 00		200 00	
	159 16	34 33	193 49	6 51
Apr., 1880	14, 745 40	1, 298 12	16, 043 52	113 48
May and June, 1880.				
Apr., 1880				
Apr., 1880				
May, 1880				
April and May, 1880.				
May, 1880				
May, 1880				

June 25, 1880.



G.—Statement of deposits by individuals for the survey of public lands in the Territory of New Mexico, &amp;c.—Continued.

Date of deposit.	No. of certificate.	Depositor.	Township.	Range.	For field work.	For office work.	Total deposits.	No. of contract.	By whom surveyed.	Date of survey.	Expenditure for field work.	Expenditure for office work.	Total expended.	Balance unexpended.	When transmitted.
1880.															
Feb. 28	396	Robert F. Beatie .....	23 north.	34 east	\$50 00	\$45 00	\$95 00	99	{ A. B. Caudwell. }	April and May, 1880.	}	}	}	}	}
28	397	do .....	23 north.	34 east	110 00	.....	110 00								
28	398	do .....	23 north.	34 east	200 00	.....	200 00								
28	399	do .....	23 north.	34 east	83 00	.....	83 00								
28	400	George Thompson .....	25 north.	35 east	60 00	35 00	95 00			Apr., 1880	}	}	}	}	}
28	401	do .....	25 north.	35 east	100 00	.....	100 00								
28	402	do .....	25 north.	35 east	200 00	.....	200 00								
June 28	226	do .....	25 north.	35 east	5 77	.....	5 77								
Feb. 28	403	William M. Hall .....	25 north.	36 east	60 00	35 00	95 00			Apr., 1880	}	}	}	}	}
28	404	do .....	25 north.	36 east	100 00	.....	100 00								
28	405	do .....	25 north.	36 east	200 00	.....	200 00								
28	409	Frank E. Sage .....	26 north.	35 east	60 00	35 00	95 00			May, 1880	}	}	}	}	}
28	410	do .....	26 north.	35 east	100 00	.....	100 00								
28	411	do .....	26 north.	35 east	200 00	.....	200 00								
June 28	227	do .....	26 north.	35 east	21 65	.....	21 65			May, 1880	}	}	}	}	}
Feb. 28	412	José Vasquez .....	26 north.	36 east	60 00	35 00	95 00								
28	413	do .....	26 north.	36 east	100 00	.....	100 00								
28	414	do .....	26 north.	36 east	200 00	.....	200 00								
28	415	Simon Davis .....	27 north.	27 east	60 00	35 00	95 00			Mar., 1880	}	}	}	}	}
28	416	do .....	27 north.	27 east	100 00	.....	100 00								
28	417	do .....	27 north.	27 east	200 00	.....	200 00								
Mar. 1	448	do .....	27 north.	27 east	25 00	.....	25 00								
June 28	228	do .....	27 north.	27 east	40 36	.....	40 36			March and Apr., 1880.	}	}	}	}	}
Feb. 28	418	Marcos Duran .....	27 north.	28 east	60 00	35 00	95 00								
28	419	do .....	27 north.	28 east	100 00	.....	100 00								
28	420	do .....	27 north.	28 east	200 00	.....	200 00								
June 28	229	do .....	27 north.	28 east	8 16	.....	8 16			May, 1880	}	}	}	}	}
Feb. 28	421	Manuel Romero .....	27 north.	36 east	60 00	35 00	95 00								
28	422	do .....	27 north.	36 east	100 00	.....	100 00								
28	423	do .....	27 north.	36 east	200 00	.....	200 00								
28	424	Daniel Troy, jr .....	28 north.	26 east	60 00	35 00	95 00			Mar., 1880	}	}	}	}	}
28	425	do .....	28 north.	26 east	100 00	.....	100 00								
28	426	do .....	28 north.	26 east	200 00	.....	200 00								
Mar. 1	449	do .....	28 north.	26 east	25 00	.....	25 00								
June 28	230	do .....	28 north.	26 east	40 20	.....	40 20			Apr., 1880	}	}	}	}	}
Feb. 28	427	C. H. Mayo .....	28 north.	28 east	60 00	35 00	95 00								
28	428	do .....	28 north.	28 east	100 00	.....	100 00								
28	429	do .....	28 north.	28 east	200 00	.....	200 00								
June 28	231	do .....	28 north.	28 east	16 08	.....	16 08								



Feb.	28	406	John M. Peck .....	22 north.	29 east.	60 00	35 00	95 00
	28	407	.....do .....	22 north.	29 east.	100 00	.....	100 00
	28	408	.....do .....	22 north.	29 east.	200 00	.....	200 00
Mar.	1	443	.....do .....	22 north.	29 east.	25 00	.....	25 00
Feb.	28	393	Harry G. Gray.....	22 north.	30 east.	60 00	35 00	95 00
	28	394	.....do .....	22 north.	30 east.	100 00	.....	100 00
	28	395	.....do .....	22 north.	30 east.	200 00	.....	200 00
Mar.	1	444	.....do .....	22 north.	30 east.	25 00	.....	25 00
	1	447	John C. Taylor .....	26 north.	27 east.	65 00	35 00	100 00
	1	445	.....do .....	26 north.	27 east.	125 00	.....	125 00
	1	446	.....do .....	26 north.	27 east.	200 00	.....	200 00
Feb.	28	430	José Mantoya .....	28 north.	29 east.	60 00	35 00	95 00
	28	431	.....do .....	28 north.	29 east.	100 00	.....	100 00
	28	432	.....do .....	28 north.	29 east.	200 00	.....	200 00
	28	433	Fred. D. Wight.....	29 north.	29 east.	60 00	35 00	95 00
	28	434	.....do .....	29 north.	29 east.	100 00	.....	100 00
	28	435	.....do .....	29 north.	29 east.	200 00	.....	200 00
Mar.	1	450	.....do .....	29 north.	29 east.	25 00	.....	25 00
Feb.	28	438	Bazel Metcalf .....	31 north.	28 east.	60 00	35 00	95 00
	28	439	.....do .....	31 north.	28 east.	100 00	.....	100 00
	28	440	.....do .....	31 north.	28 east.	200 00	.....	200 00
Mar.	1	451	.....do .....	31 north.	28 east.	25 00	.....	25 00
Feb.	28	436	Joseph Davis.....	32 north.	28 east.	55 00	35 00	90 00
	28	437	.....do .....	32 north.	28 east.	100 00	.....	100 00
Mar.	1	452	.....do .....	32 north.	28 east.	25 00	.....	25 00
	13	18	Manuel Montaña .....	12 north.	8 west.	120 00	40 00	160 00
	13	15	.....do .....	12 north.	8 west.	200 00	.....	200 00
	13	16	.....do .....	12 north.	8 west.	200 00	.....	200 00
	13	17	.....do .....	12 north.	8 west.	100 00	.....	100 00
	13	4	José M. Sevada .....	14 north.	6 west.	84 00	40 00	124 00
	13	1	.....do .....	14 north.	6 west.	200 00	.....	200 00
	13	2	.....do .....	14 north.	6 west.	200 00	.....	200 00
	13	3	.....do .....	14 north.	6 west.	100 00	.....	100 00
	13	11	Juan Chaves .....	14 north.	7 west.	32 00	40 00	72 00
	13	9	.....do .....	14 north.	7 west.	100 00	.....	100 00
	13	10	.....do .....	14 north.	7 west.	50 00	.....	50 00
	13	26	Julian Chaves .....	14 north.	8 west.	34 00	40 00	74 00
	13	23	.....do .....	14 north.	8 west.	150 00	.....	150 00
	13	24	.....do .....	14 north.	8 west.	100 00	.....	100 00
	13	25	.....do .....	14 north.	8 west.	100 00	.....	100 00
	13	14	Miguil Sevada.....	15 north.	7 west.	25 00	40 00	65 00
	13	12	.....do .....	15 north.	7 west.	100 00	.....	100 00
	13	13	.....do .....	15 north.	7 west.	100 00	.....	100 00
	13	30	Manuel A. Chaves.....	15 north.	8 west.	44 00	40 00	84 00
	13	27	.....do .....	15 north.	8 west.	150 00	.....	150 00
	13	28	.....do .....	15 north.	8 west.	150 00	.....	150 00
	13	29	.....do .....	15 north.	8 west.	100 00	.....	100 00
	13	39	José E. Montaña .....	15 north.	9 west.	44 00	40 00	84 00
	13	36	.....do .....	15 north.	9 west.	200 00	.....	200 00
	13	37	.....do .....	15 north.	9 west.	100 00	.....	100 00
	13	38	.....do .....	15 north.	9 west.	100 00	.....	100 00
	13	51	José A. Montoya .....	16 north.	7 west.	44 00	40 00	84 00

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Charles H. Fitch..

June, 1880

June, 1880

May, 1880

May and  
June, 1880.

June, 1880

June, 1880

June, 1880

THE GENERAL LAND OFFICE







3	83	do	4 north	20 east	10 00	10 00
Mar. 27	54	Diego Galban	4 north	20 east	100 00	100 00
27	55	Manuel Medina	4 north	20 east	100 00	100 00
27	56	Domingo Compas	4 north	21 east	160 00	40 00
27	57	Julian Trujillo	4 north	21 east	200 00	200 00
27	58	Samuel Bond	4 north	21 east	84 00	84 00
Apr. 3	84	do	4 north	21 east	10 00	10 00
Mar. 27	59	Tesutita Lobadi	5 north	22 east	165 00	35 00
27	60	do	5 north	22 east	200 00	200 00
Apr. 3	72	James W. Leonard	18 north	26 east	145 00	55 00
3	73	Frank Huntington	18 north	26 east	200 00	200 00
3	74	do	18 north	26 east	200 00	200 00
3	75	do	18 north	26 east	143 00	143 00
3	76	José Antonio Garcia	18 north	27 east	50 00	45 00
3	77	do	18 north	27 east	100 00	100 00
3	78	do	18 north	27 east	91 00	91 00
3	106	George W. Gray	21 north	29 east	60 00	40 00
3	107	do	21 north	29 east	100 00	100 00
3	108	do	21 north	29 east	100 00	100 00
3	109	do	21 north	29 east	50 00	50 00
3	110	do	21 north	29 east	50 00	50 00
3	85	Marcos Armijo	21 north	30 east	50 00	40 00
3	86	do	21 north	30 east	200 00	200 00
3	87	do	21 north	30 east	85 00	85 00
3	88	do	21 north	30 east	50 00	50 00
3	89	Thomas O. Boggs	22 north	31 east	60 00	40 00
3	90	do	22 north	31 east	200 00	200 00
3	91	do	22 north	31 east	100 00	100 00
3	95	C. H. Wilbur	22 north	32 east	60 00	40 00
3	97	do	22 north	32 east	100 00	100 00
7	112	do	22 north	32 east	200 00	200 00
3	92	William Taber	22 north	33 east	60 00	40 00
3	93	do	22 north	33 east	200 00	200 00
3	94	do	22 north	33 east	100 00	100 00
3	79	James Goodwin	22 north	34 east	50 00	50 00
3	80	do	22 north	34 east	200 00	200 00
3	81	do	22 north	34 east	140 00	140 00
3	82	do	22 north	34 east	50 00	50 00
3	98	John McBride	31 north	25 east	160 00	40 00
3	99	do	31 north	25 east	200 00	200 00
3	100	do	31 north	25 east	100 00	100 00
3	101	Juan Trujillo	31 north	26 east	160 00	40 00
3	102	do	31 north	26 east	200 00	200 00
3	103	do	31 north	26 east	50 00	50 00
3	104	Pedro Salazar	32 north	26 east	45 00	30 00
3	105	do	32 north	26 east	150 00	150 00
June 8	122	do	17 north	24 east	55 00	45 00
8	123	do	17 north	24 east	200 00	200 00
8	124	do	17 north	24 east	200 00	200 00
8	148	do	17 north	24 east	25 00	25 00

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Unruh & Mailand

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Cauldwell & Warner.



G.—Statement of deposits by individuals for the survey of public lands in the Territory of New Mexico, &c.—Continued.

Date of deposit.	No. of certificate.	Depositor.	Township.	Range.	For field work.	For office work.	Total deposits.	No. of contract.	By whom surveyed.	Date of survey.	Expenditure for field work.	Expenditure for office work.	Total expended.	Balance unexpended.	When transmitted.
1880.															
June 8	125	Pedro Lucero .....	18 north.	24 east.	\$55 00	\$45 00	\$100 00	103	Cauldwell & Warner.						
8	126	.....do .....	18 north.	24 east.	200 00	.....	200 00								
8	127	.....do .....	18 north.	24 east.	150 00	.....	150 00								
8	128	.....do .....	18 north.	24 east.	100 00	.....	100 00								
8	129	Eluterio Madrid.....	19 north.	24 east.	55 00	45 00	100 00								
8	130	.....do .....	19 north.	24 east.	200 00	.....	200 00								
8	131	.....do .....	19 north.	24 east.	150 00	.....	150 00								
8	132	.....do .....	19 north.	24 east.	100 00	.....	100 00								
8	133	J. Vivian Abeyta.....	20 north.	24 east.	55 00	45 00	100 00								
8	134	.....do .....	20 north.	24 east.	200 00	.....	200 00								
8	135	.....do .....	20 north.	24 east.	200 00	.....	200 00								
8	136	D. W. Mills.....	21 north.	24 east.	55 00	45 00	100 00								
8	137	.....do .....	21 north.	24 east.	200 00	.....	200 00								
8	138	.....do .....	21 north.	24 east.	200 00	.....	200 00								
8	139	.....do .....	22 north.	24 east.	55 00	45 00	100 00								
8	140	.....do .....	22 north.	24 east.	200 00	.....	200 00								
8	141	.....do .....	22 north.	24 east.	200 00	.....	200 00								
8	142	Juan Trujillo.....	23 north.	24 east.	55 00	45 00	100 00								
8	143	.....do .....	23 north.	24 east.	200 00	.....	200 00								
8	144	.....do .....	23 north.	24 east.	200 00	.....	200 00								
8	145	W. E. Corbett .....	24 north.	24 east.	55 00	45 00	100 00								
8	146	.....do .....	24 north.	24 east.	200 00	.....	200 00								
8	147	.....do .....	24 north.	24 east.	150 00	.....	150 00								
19	179	Juan Pedro Gutierres ..	21 north.	23 east.	60 00	40 00	100 00								
19	180	.....do .....	21 north.	23 east.	200 00	.....	200 00								
19	181	.....do .....	21 north.	23 east.	200 00	.....	200 00								
19	182	Mason Dickerson.....	21 north.	32 east.	60 00	35 00	95 00								
19	183	.....do .....	21 north.	32 east.	200 00	.....	200 00								
19	184	.....do .....	21 north.	32 east.	100 00	.....	100 00								
19	185	Vicente Romero.....	21 north.	33 east.	60 00	35 00	95 00								
19	186	.....do .....	21 north.	33 east.	200 00	.....	200 00								
19	187	.....do .....	21 north.	33 east.	100 00	.....	100 00								
19	188	James Carter.....	21 north.	34 east.	60 00	35 00	95 00								
19	189	.....do .....	21 north.	34 east.	200 00	.....	200 00								
19	190	.....do .....	21 north.	34 east.	100 00	.....	100 00								
19	191	James Macdonald .....	21 north.	35 east.	44 00	45 00	89 00								
19	192	.....do .....	21 north.	35 east.	200 00	.....	200 00								
19	193	.....do .....	21 north.	35 east.	200 00	.....	200 00								



19 194	Peter Burleson	22 north.	23 east	60 00	40 00	100 00
19 195	do	22 north.	23 east	200 00		200 00
19 196	do	22 north.	23 east	200 00		200 00
19 197	C. L. Fraker	23 north.	23 east	60 00	40 00	100 00
19 198	do	23 north.	23 east	200 00		200 00
19 199	do	23 north.	23 east	200 00		200 00
19 200	Benjamin F. Houx	24 north.	23 east	70 00	30 00	100 00
19 201	do	24 north.	23 east	200 00		200 00
19 202	James Goodrich	23 north.	30 east	65 00	35 00	100 00
19 203	do	23 north.	30 east	200 00		200 00
19 204	do	23 north.	30 east	100 00		100 00
19 205	Joseph Robinson	24 north.	30 east	65 00	35 00	100 00
19 206	do	24 north.	30 east	200 00		200 00
19 207	do	24 north.	30 east	100 00		100 00
30 241	Louis Vigil	1 north.	26 east	60 00	35 00	95 00
30 242	do	1 north.	26 east	100 00		100 00
30 243	do	1 north.	26 east	200 00		200 00
30 253	Alejandro Peña	3 north.	12 east	60 00	45 00	105 00
30 254	do	3 north.	12 east	100 00		100 00
30 255	do	3 north.	12 east	200 00		200 00
30 256	Icidro Lucero	3 north.	12 east	52 00		52 00
30 257	do	3 north.	12 east	200 00		200 00
18 176	William Pool	7 north.	6 east	30 00	20 00	50 00
18 177	do	7 north.	6 east	150 00		150 00
18 178	do	7 north.	6 east	100 00		100 00
18 170	Juan Griego	8 north.	5 east	65 00	35 00	100 00
18 171	do	8 north.	5 east	150 00		150 00
18 172	do	8 north.	5 east	200 00		200 00
18 173	Thomas Carter	8 north.	6 east	65 00	35 00	100 00
18 174	do	8 north.	6 east	100 00		100 00
18 175	do	8 north.	6 east	200 00		200 00
30 232	Gerarda Gabaldon	9 north.	6 east	65 00	35 00	100 00
30 233	do	9 north.	6 east	100 00		100 00
30 234	do	9 north.	6 east	200 00		200 00
30 235	Antonio Lopez	10 north.	6 east	65 00	35 00	100 00
30 236	do	10 north.	6 east	100 00		100 00
30 237	do	10 north.	6 east	200 00		200 00
30 244	Juan Gabaldon	1 south.	25 east	60 00	35 00	95 00
30 245	do	1 south.	25 east	100 00		100 00
30 246	do	1 south.	25 east	200 00		200 00
30 250	Pedro Sarasino	1 south.	26 east	60 00	35 00	95 00
30 251	do	1 south.	26 east	100 00		100 00
30 252	do	1 south.	26 east	200 00		200 00
30 238	Atanacio Vigil	2 south.	25 east	60 00	35 00	95 00
30 239	do	2 south.	25 east	100 00		100 00
30 240	do	2 south.	25 east	200 00		200 00
30 247	Sipiano Ballejos	2 south.	26 east	60 00	35 00	95 00
30 248	do	2 south.	26 east	100 00		100 00
30 249	do	2 south.	26 east	200 00		200 00
26 220	Juan Chabes	6 south.	14 east	90 00	35 00	125 00
26 221	do	6 south.	14 east	100 00		100 00
26 222	do	6 south.	14 east	200 00		200 00

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Peters & Mailand



G.—Statement of deposits by individuals for the survey of public lands in the Territory of New Mexico, &c.—Continued.

Date of deposit.	No. of certificate.	Depositor.	Township.	Range.	For field work.	For office work.	Total deposits.	No. of contract.	By whom surveyed.	Date of survey.	Expenditure for field work.	Expenditure for office work.	Total expended.	Balance unexpended.	When transmitted.
1880.															
June 26	217	Lupe Jaramillo.....	6 south.	16 east .	\$65 00	\$35 00	\$100 00	104	Peters & Mailand.	.....	.....	.....	.....	.....	.....
26	218	.....do.....	6 south.	16 east .	100 00	.....	100 00								
26	219	.....do.....	6 south.	16 east .	200 00	.....	200 00								
25	214	José Montaño.....	7 south.	15 east .	65 00	35 00	100 00								
25	215	.....do.....	7 south.	15 east .	150 00	.....	150 00								
25	216	.....do.....	7 south.	15 east .	200 00	.....	200 00								
26	223	Alberto Cordera.....	8 south.	16 east .	65 00	35 00	100 00								
26	224	.....do.....	8 south.	16 east .	200 00	.....	200 00								
26	225	.....do.....	8 south.	16 east .	200 00	.....	200 00								
					49,947 01	4,645 00	54,592 01								

HENRY M. ATKINSON,  
Surveyor General.

SURVEYOR GENERAL'S OFFICE,  
Santa Fé, N. Mex., August 31, 1880.



H.—Statement of expenditures for salaries in the office of surveyor general of New Mexico during the fiscal year ending June 30, 1880.

Fiscal quarter.	Name.	Position.	Salary.	Time.		Amount.	Remarks.
				From—	To—		
				1879.	1879.		
First .....	Henry M. Atkinson.....	Surveyor general .....	\$2,500 00	July 1	July 31	\$210 60	
First .....	David J. Miller.....	Translator and chief clerk .....	2,000 00	July 1	July 31	168 50	
First .....	D. Perry Tipton .....	Draughtsman.....	1,500 00	July 1	July 31	126 40	
First .....	Stephen D. Hathaway .....	Clerk.....	1,500 00	July 1	July 20	81 52	20 days.
First .....	John R. Wallingford.....	do .....	1,500 00	July 1	July 31	126 40	
First .....	Charles H. Fitch .....	do .....	1,500 00	July 21	July 31	44 84	11 days.
First .....	Henry M. Atkinson.....	Surveyor general .....	2,500 00	Aug. 1	Aug. 31	210 60	
First .....	David J. Miller .....	Translator and chief clerk.....	2,000 00	Aug. 1	Aug. 31	168 50	
First .....	D. Perry Tipton .....	Draughtsman.....	1,500 00	Aug. 1	Aug. 31	126 40	
First .....	Charles H. Fitch.....	Clerk.....	1,500 00	Aug. 1	Aug. 31	126 40	
First .....	Stephen D. Hathaway .....	do .....	1,500 00	Aug. 1	Aug. 31	126 40	
First .....	Henry M. Atkinson.....	Surveyor general .....	2,500 00	Sept. 1	Sept. 30	203 80	
First .....	David J. Miller .....	Translator and chief clerk .....	2,000 00	Sept. 1	Sept. 30	163 00	
First .....	D. Perry Tipton .....	Draughtsman.....	1,500 00	Sept. 1	Sept. 30	122 20	
Second .....	William White .....	do .....	1,500 00	Oct. 1	Oct. 11	40 76	10 days.
Second .....	George W. Howland.....	Clerk.....	1,200 00	Oct. 6	Oct. 11	19 57	6 days.
Second .....	Henry M. Atkinson.....	Surveyor general .....	2,500 00	Oct. 1	Oct. 31	210 60	
Second .....	David J. Miller .....	Translator and chief clerk .....	2,000 00	Oct. 1	Oct. 31	168 50	
Second .....	D. Perry Tipton .....	Draughtsman.....	1,500 00	Oct. 1	Oct. 31	126 40	
Second .....	A. Z. Huggins.....	do .....	1,200 00	Oct. 17	Oct. 18	5 00	1½ days.
Second .....	Henry M. Atkinson.....	Surveyor general .....	2,500 00	Nov. 1	Nov. 30	203 80	
Second .....	David J. Miller .....	Translator and chief clerk .....	2,000 00	Nov. 1	Nov. 30	152 14	Part, balance paid from deposits for office work.
Second .....	D. Perry Tipton.....	Draughtsman.....	1,500 00	Nov. 1	Nov. 30	113 03	Part, balance paid from deposits for office work.
Second .....	Charles H. Fitch.....	Clerk.....	1,500 00	Nov. 1	Nov. 30	122 20	
Second .....	Stephen D. Hathaway .....	do .....	1,500 00	Nov. 1	Nov. 30	122 20	
Second .....	William White .....	Draughtsman.....	1,500 00	Nov. 15	Nov. 30	62 16	15¼ days.
Second .....	Paul Wuneshmann .....	Clerk.....	.....	Oct. 17	Oct. 17	3 00	1 day.
Second .....	Henry M. Atkinson.....	Surveyor general .....	2,500 00	Dec. 1	Dec. 31	210 60	
Second .....	David J. Miller .....	Translator and chief clerk .....	2,000 00	Dec. 1	Dec. 31	168 50	
Second .....	D. Perry Tipton .....	Draughtsman.....	1,500 00	Dec. 1	Dec. 31	126 40	
Second .....	Charles H. Fitch.....	Clerk.....	1,500 00	Dec. 1	Dec. 31	126 40	
Second .....	Stephen D. Hathaway .....	do .....	1,500 00	Dec. 1	Dec. 31	126 40	
Second .....	Amado Chaves .....	do .....	1,500 00	Dec. 1	Dec. 31	126 40	
Second .....	William White .....	Draughtsman.....	1,500 00	Dec. 1	Dec. 18	10 19	2½ days.
				1880.	1880.		
Third .....	Henry M. Atkinson.....	Surveyor general .....	2,500 00	Jan. 1	Jan. 31	212 90	
Third .....	David J. Miller .....	Translator and chief clerk.....	2,000 00	Jan. 1	Jan. 31	170 30	
Third .....	D. Perry Tipton.....	Draughtsman.....	1,500 00	Jan. 1	Jan. 31	127 70	
Third .....	Charles H. Fitch.....	Clerk.....	1,500 00	Jan. 1	Jan. 31	127 70	



## H.—Statement of expenditures for salaries in the office of surveyor general of New Mexico, &amp;c.—Continued.

Fiscal quarter.	Name.	Position.	Salary.	Time.		Amount.	Remarks.
				From—	To—		
Third .....	Stephen D. Hathaway .....	Clerk .....	\$1,500 00	1880. Jan. 1	1880. Jan. 31	\$127 70	
Third .....	Amade Chaves .....	do .....	1,500 00	1880. Jan. 1	1880. Jan. 5	20 60	5 days.
Third .....	William White .....	Draughtsman and clerk .....	1,500 00	1879. Dec. 18	1879. Dec. 31	34 65	13½ days part, balance paid from deposits for office work.
Third .....	Henry M. Atkinson .....	Surveyor general .....	2,500 00	1880. Feb. 1	1880. Feb. 29	199 20	
Third .....	David J. Miller .....	Translator and chief clerk .....	2,000 00	1880. Feb. 1	1880. Feb. 29	75 44	Part, balance paid from deposits for office work.
Third .....	D. Perry Tipton .....	Draughtsman .....	1,500 00	1880. Feb. 1	1880. Feb. 29	58 96	Part, balance paid from deposits for office work.
Third .....	Charles H. Fitch .....	Clerk .....	1,500 00	1880. Feb. 1	1880. Feb. 29	119 60	
Third .....	Stephen D. Hathaway .....	do .....	1,500 00	1880. Feb. 1	1880. Feb. 29	119 60	
Third .....	Charles H. Fitch .....	do .....	1,500 00	1880. Mar. 1	1880. Mar. 12	49 45	12 days.
Third .....	Henry M. Atkinson .....	Surveyor general .....	2,500 00	1880. Mar. 1	1880. Mar. 31	212 90	
Third .....	David J. Miller .....	Translator and chief clerk .....	2,000 00	1880. Mar. 1	1880. Mar. 31	117 87	Part, balance paid from deposits for office work.
Third .....	D. Perry Tipton .....	Draughtsman .....	1,500 00	1880. Mar. 1	1880. Mar. 31	111 26	Part, balance paid from deposits for office work.
Third .....	Alfred Burley .....	Clerk .....	1,500 00	1880. Mar. 20	1880. Mar. 31	46 36	11½ days.
Third .....	Stephen D. Hathaway .....	do .....	1,500 00	1880. Mar. 1	1880. Mar. 31	127 70	
Third .....	William D. Armstrong .....	do .....	1,500 00	1880. Mar. 16	1880. Mar. 31	63 87	15½ days.
Fourth .....	David J. Miller .....	Translator and chief clerk .....	2,000 00	1880. Apr. 1	1880. Apr. 30	98 92	Part, balance paid from deposits for office work.
Fourth .....	D. Perry Tipton .....	Draughtsman .....	1,500 00	1880. Apr. 1	1880. Apr. 30	32 96	Part, balance paid from deposits for office work.
Fourth .....	Stephen D. Hathaway .....	Clerk .....	1,500 00	1880. Apr. 1	1880. Apr. 30	123 60	
Fourth .....	William H. Street .....	do .....	1,500 00	1880. Apr. 17	1880. Apr. 30	57 69	14 days.
Fourth .....	G. W. Mitchell .....	do .....	1,500 00	1880. Apr. 7	1880. Apr. 8	8 24	2 days.
Fourth .....	Henry M. Atkinson .....	Surveyor general .....	2,500 00	1880. Apr. 1	1880. Apr. 30	206 00	
Fourth .....	Henry M. Atkinson .....	do .....	2,500 00	1880. May 1	1880. May 31	213 00	
Fourth .....	David J. Miller .....	Translator and chief clerk .....	2,000 00	1880. May 1	1880. May 31	142 95	Part, balance paid from deposits for office work.
Fourth .....	D. Perry Tipton .....	Draughtsman .....	1,500 00	1880. May 1	1880. May 31	86 60	Part, balance paid from deposits for office work.
Fourth .....	Stephen D. Hathaway .....	Clerk .....	1,500 00	1880. May 1	1880. May 31	127 80	
Fourth .....	Alfred Burley .....	do .....	1,500 00	1880. May 22	1880. May 31	39 15	10 days.
Fourth .....	William H. Street .....	do .....	1,500 00	1880. May 1	1880. May 31	127 80	
Fourth .....	Alfred Burley .....	do .....	1,500 00	1880. June 1	1880. June 21	86 54	21 days.
Fourth .....	Henry M. Atkinson .....	Surveyor general .....	2,500 00	1880. June 1	1880. June 30	206 00	
Fourth .....	David J. Miller .....	Translator and chief clerk .....	2,000 00	1880. June 1	1880. June 30	71 47	Part, balance paid from deposits for office work.



Fourth .....	D. Perry Tipton .....	Draughtsman .....	1,500 00	June 1	June 30	44 65	Part, balance paid from deposits for office work.
Fourth .....	Stephen D. Hathaway .....	Clerk .....	1,500 00	June 1	June 30	123 60	
Fourth .....	William H. Street .....	do .....	1,500 00	June 1	June 30	123 60	
Fourth .....	Edgar L. Swaine .....	Clerk and draughtsman .....	1,500 00	June 10	June 30	86 54	21 days.
Fourth .....	Fannie E. Christian .....	Clerk .....	1,000 00	June 10	June 30	57 69	21 days.
Fourth .....	A. Z. Huggins .....	Draughtsman and clerk .....	1,500 00	{ Apr. 14 May 6 }	{ Apr. 14 May 19 }	59 75	14½ days.
	Total .....	.....				8,498 12	

SURVEYOR GENERAL'S OFFICE,  
Santa Fé, N. Mex., August 31, 1880.

HENRY M. ATKINSON,  
Surveyor General.



## I.—Statement of incidental expenditures in the office of surveyor general of New Mexico during the fiscal year ending June 30, 1880.

Fiscal quarter.	Name.	Consideration.	Time.		Amount.	Number of voucher.
			From—	To—		
First	Joseph A. Davis	Messenger	1879. July 1	1879. July 31	\$30 30	1
First	do	do	Aug. 1	Aug. 31	30 30	2
First	do	do	Sept. 1	Sept. 30	29 40	3
First	Manderfield and Tucker	Printing			10 00	4
First	Ilfeld & Co	Sundries			22 26	5
First	E. Andrews	Stationery, &c			6 65	6
First	David J. Miller	Sundries			19 97	7
First	T. Jaramillo	Office rent			120 00	8
Second	Joseph A. Davis	Messenger	Oct. 1	Oct. 31	30 30	1
Second	do	do	Nov. 1	Nov. 25	24 46	2
Second	Guadalupe Brito	do	Nov. 26	Nov. 30	4 89	3
Second	José E. Duran 1	Wood			50 00	4
Second	Seferino Escudero	Messenger	Dec. 1	Dec. 31	30 30	5
Second	T. Jaramillo	Office rent			120 00	6
Second	David J. Miller	Sundries			21 15	7
Second	E. Andrews	Stationery, &c			34 65	8
Second	Ilfeld & Co	Coal, oil, &c			30 40	9
Third	Seferino Eseudero	Messenger	1880. Jan. 1	1880. Jan. 31	36 20	1
Third	H. D. Hathaway	Field note paper, and books			59 48	2
Third	Seferino Eseudero	Messenger	Feb. 1	Feb. 29	33 85	3
Third	Fischer & Co	Stationery, &c			257 00	4
Third	John Ludwig	Messenger	Mar. 1	Mar. 31	36 20	5
Third	T. Jaramillo	Office rent			120 00	6
Third	David J. Miller	Sundries			28 88	7
Third	Ilfeld & Co	Coal, oil, &c			22 80	8
Third	New Mexican Printing and Publishing Company	Printing			33 00	9
Third	Irvine & McKinzie	Pump			24 50	10
Third	E. Andrews	Stationery, &c			38 00	11
Fourth	John Ludwig	Messenger	Apr. 1	Apr. 30	35 05	1
Fourth	do	do	May 1	May 31	36 15	2
Fourth	New Mexican Printing and Publishing Company	Printing			59 00	3
Fourth	Adams Express Company	Freight			12 00	4
Fourth	T. Jaramillo	Office rent			120 00	5
Fourth	John Ludwig	Messenger	June 1	June 30	35 05	6
Fourth	Irvine & McKinzie	Sundries			4 70	7
Fourth	New Mexican Printing and Publishing Company	Printing			10 00	8
Fourth	Herlow's Hotel	Ice			7 50	9
Fourth	H. D. Hathaway	Blank books and paper			61 18	10



Fourth .....	Ifeld & Co .....	Coal, oil, &c .....	.....	.....	24 37	11
Fourth .....	E. Andrews .....	Stationery, &c .....	.....	.....	5 10	12
Fourth .....	David J. Miller .....	Post-office box rent, &c .....	.....	.....	24 90	13
Total .....					1, 739 94	
Congressional appropriation of March 3, 1879 .....					1, 500 00	
Receipts from subrent of part of office building .....					240 00	
Total receipts .....					1, 740 00	
Total expenditures as above .....					1, 739 94	
Turned over to United States Treasurer under my bond of June 21, 1879 .....					06	

SURVEYOR GENERAL'S OFFICE,  
*Santa Fé, N. Mex., August 31, 1880.*

HENRY M. ATKINSON,  
*Surveyor General.*



K.—Statement showing the condition of the several appropriations for the surveying service in the district of New Mexico at the close of the fiscal year ending June 30, 1880.

Appropriations for—	Amount.	Expended and covered by contract.	Revert- ing.	Remarks.
Survey of public lands under act of March 3, 1877, and apportionment of, Commissioner General Land Office, April 15, 1879.	\$10,000 00	\$10,000 00	.....	Surveys returned, but their cost not yet ascertained.
Survey of public lands under sections 2401 and 2402, Revised Statutes.	49,947 01	49,840 41	\$106 60	Refundable to depositors.
Survey of private land claims under act of March 3, 1879.	10,000 00	10,000 00	.....	Under John Shaw's \$5,000 contract No. 91, amount ascertained, \$2,829.18; under R. G. Marmon's \$4,000 contract No. 93, amount ascertained, \$2,642.85; under William White's contracts 95 and 101, amount paid, \$195.28; amount used for office work on grant surveys, \$848.85.
Compensation of surveyor general, act June 21, 1879.	2,500 00	2,500 00	.....	
Compensation of clerks, act June 21, 1879.	6,000 00	5,998 12	1 88	
Compensation for office work from deposits, under sections 2401 and 2402, Revised Statutes.	4,645 00	4,638 12	6 88	Refundable to depositor.
Office rent, stationery, messenger, &c., act March 3, 1879 ..... \$1,500	} 1,740 00	1,739 94	06	
Receipts from subrent of part of office building..... 240				

HENRY M. ATKINSON,  
Surveyor General.

SURVEYOR GENERAL'S OFFICE,  
Santa Fe, N. Mex., August 31, 1880.



L.—*Estimates of appropriations required for the surveying service in New Mexico for the fiscal year ending June 30, 1882.*

Object of appropriation.	Amount.	Total.
ON SALARY ACCOUNT.		
Compensation of surveyor general .....	\$3, 000 00	
Compensation of translator and chief clerk .....	2, 000 00	
Compensation of two draughtsmen .....	3, 000 00	
Compensation of four clerks .....	6, 000 00	
Compensation of extra translator .....	1, 500 00	\$15, 500 00
ON SURVEYING ACCOUNT		
Survey of base, meridian, standard, and subdivisional lines, with the classification of lands which are surveyable omitted .....	100, 000 00	
Survey of confirmed and unconfirmed private land claims which have been favorably reported for Congressional action, and office work .....	8, 500 00	
Resurvey of part of east boundary line of New Mexico between latitude 36° 30' and 37th parallel, from northwest corner of New Mexico, 34½ miles, at \$50 per mile (provided no appropriation has been made therefor) .....	1, 725 00	110, 225 00
ON CONTINGENT EXPENSE ACCOUNT.		
Fire-proof vault or safe for keeping grant title papers, and for office furniture .....	2, 500 00	
Stationery, messenger, rent, and other necessary expenses .....	2, 000 00	4, 500 00
Total .....		130, 225 00
ADDITIONAL, AS PER THE FOLLOWING STATEMENT OF DEFICIENCIES.		
Amount due Deputies Sawyer and McBroom by reason of excess of cost of private land claim surveys, executed and accepted, over amount \$9,900 authorized by their contract No. 68, of April 15, 1876 .....	472 83	
Amount due Deputies Sawyer and McBroom for omission in their account of December 30, 1876, of the charge for running 2 miles, 48 chains, 33½ links, interior line of the survey of the Santa Ana Indian Pueblo grant, at \$15 per mile, under their contract No. 68, of April 15, 1876 .....	39 06	
Amount due Deputy William H. McBroom by reason of excess of cost of public land surveys, executed and accepted, over amount \$6,500 authorized by contract No. 70, of September 27, 1876 .....	104 45	
Amount due Deputies Elkins and Marmon by reason of excess of cost of private land claim surveys, executed and accepted, over amount \$9,500 authorized by their contract No. 80, of August 15, 1877 .....	378 49	
Amount due Deputies Sawyer and McBroom by reason of excess of cost of public land surveys, executed and accepted, over amount \$5,900 authorized by their contract No. 87, of September 12, 1878 .....	275 85	
Amount to reimburse sundry deputy surveyors for amounts paid by them for draughting and copying, to facilitate the dispatch of their work in the office, as explained in surveyor general's annual reports for 1878 and 1879, under headings "Office work and public lands" .....	1, 500 00	
Amount due John Ludwig for services as office messenger, from April 28 to June 30, 1878, by reason of deficiency of appropriation for incidental expenses for the year ending June 30, 1878 .....	61 97	
Amount due Deputy Lewis P. Drake under surveying contract No. 55, of date July 5, 1873 .....	119 28	
Amount due Deputy Lewis Kingman under surveying contract No. 53, of date April 11, 1878 .....	305 28	3, 257 21

HENRY M. ATKINSON,  
*Surveyor General.*

SURVEYOR GENERAL'S OFFICE.  
*Santa Fé, N. Mex., August 31, 1880.*



## M.—Private land claims against the public domain in New Mexico on file in

Tract known as the—	Original grantees.	The grant.				The claim. Filed.
		Made in—	Made by—	Reported No.	File No.	
Ojito del Rio de las Gallinas.	Juan Estevan Pino .....	1823	Mexico .....	1	2	May 10, 1855
Tome, town of .....	Juan Barela <i>et al.</i> .....	1739	Spain .....	2	31	Aug. 6, 1856
Tierra Amarilla .....	Manuel Martinez & Sons ..	1832	Mexico .....	3	33	Aug. 25, 1856
Sangre de Cristo .....	Lee & Beaubien .....	1843	do .....	4	14	Oct. 11, 1855
Casa Colorada, town of .....	Rafael Gutierrez <i>et al.</i> .....	1823	do .....	5	29	Apr. 14, 1856
Brazito .....	Juan A. Garcia <i>et al.</i> .....	1823	do .....	6	32	Aug. 6, 1856
Tecolote, town of .....	Salvador Montoya <i>et al.</i> ...	1824	do .....	7	8	June 28, 1855
Trigos, Los .....	Francisco Trujillo <i>et al.</i> ...	1815	Spain .....	8	11	July 17, 1855
Junta, La .....	John Scolly <i>et al.</i> .....	1846	Mexico .....	9	39	Dec. 26, 1856
Lady of Light .....	Carlos de Herrera .....	1820	Spain .....	10	25	Apr. 1, 1856
Chilili, town of .....	Santiago Padilla <i>et al.</i> .....	1841	Mexico .....	11	40	Jan. 3, 1857
Agua Negra .....	Antonio Sandoval .....	1824	do .....	12	41	Oct. 21, 1856
Belen, town of .....	Diego Torres Salazar <i>et al.</i> ..	1740	Spain .....	13	43	Jan. 26, 1857
San Pedro .....	Jesus Miera <i>et al.</i> .....	1839	Mexico .....	14	44	Jan. 27, 1857
Cimarron .....	Beaubien & Mirando .....	1841	do .....	15	48	Feb. 23, 1857
Esteros, Los .....	Pedro José Perea .....	1825	do .....	16	50	May 15, 1857
Animas, Las .....	Vigel & St. Vrain .....	1843	do .....	17	53	June 4, 1857
Cañon de Pecos .....	Juan de Dios Peña <i>et al.</i> ...	1815	Spain .....	18	54	June 10, 1857
San Cristobal .....	Domingo Fernandez .....	1827	Mexico .....	19	16	Oct. 11, 1855
Las Vegas, town of .....	Juan de Dios Maese <i>et al.</i> ...	1835	do .....	20	12	Sept. 11, 1855
Location No. 1, Baca heirs ..	Luis Maria C. de Baca .....	1860	United States ..	20	6	June 19, 1855
Location No. 2, Baca heirs ..	do .....	1860	do .....	20	6	do .....
Tajique, town of .....	Manuel Sanchez <i>et al.</i> .....	1834	Mexico .....	21	47	Feb. 3, 1857
Torreon, town of .....	Nerio A. Montoya <i>et al.</i> ...	1841	do .....	22	20	Jan. 8, 1856
Manzano, town of .....	José M. Trujillo <i>et al.</i> .....	1829	do .....	23	21	Jan. 9, 1856
San Isidro, town of .....	Armenta & Sandoval .....	1786	Spain .....	24	45	Jan. 29, 1857
Cañon de San Diego .....	F. and A. Garcíade Noriega <i>et al.</i> .....	1798	do .....	25	60	June 4, 1859
Jornada del Muerto .....	Antonio J. Rivera <i>et al.</i> ....	1846	Mexico .....	26	58	May 23, 1859
Trampas, Las, town of .....	Juan de Arguello <i>et al.</i> ....	1751	Spain .....	27	65	June 9, 1859
Martin, Sebastian .....	Sebastian Martin .....	1712	do .....	28	62	June 16, 1859
Antonchico, town of .....	Salvador Tapia <i>et al.</i> .....	1822	Mexico .....	29	63	Apr. 10, 1859
Laguna Pueblo, lands of .....	Indefinite .....	.....	do .....	30	68	June 29, 1859
Ortiz, Gaspar .....	Vicente Duran de Armijo ..	1739	Spain .....	31	67	June 10, 1859
Mora, town of .....	José Tapia <i>et al.</i> .....	1835	Mexico .....	32	66	June 20, 1859
Armendariz, Pedro .....	Pedro Armendariz .....	1820	do .....	33	58	do .....
Do .....	do .....	1820	do .....	34	57	June 22, 1859
Bosque del Apache .....	Antonio Sandoval .....	1845	do .....	35	69	July 7, 1859
Chamita, town of .....	Antonio Trujillo .....	1724	Spain .....	36	64	June 9, 1859
Tejon, town of .....	Salvador Barreras <i>et al.</i> ...	1840	Mexico .....	37	22	Jan. 8, 1856
Vigil, Ramon .....	Pedro Sanchez .....	1742	Spain .....	38	30	May 9, 1856
Cañoncito del Rio Colorado ..	Gervacio Nolan .....	1845	Mexico .....	39	9	July 10, 1855
Cañon del Agua .....	José Serafin Ramirez .....	1844	do .....	40	70	Dec. 30, 1859
Montoya, Pablo .....	Pablo Montoya .....	1824	do .....	41	27	Apr. 11, 1856
Gallinas .....	Antonio Ortiz .....	1819	Spain .....	42	55	June 19, 1857
Ortiz Mine .....	Ortiz & Cano .....	1833	Mexico .....	43	28	Mar. 24, 1856
Espiritu Santo Spring .....	Luis Maria C. de Baca .....	1815	Spain .....	44	36	Oct. 17, 1856
Añil Spring .....	José Sutton .....	1838	Mexico .....	45	61	Dec. 14, 1858
Cevolleta, town of .....	Francisco Arragon <i>et al.</i> ...	1807	Spain .....	46	73	Aug. 15, 1859
Luceros, Los .....	Pedro Vigil de Santillana ..	1743	do .....	47	51	May 21, 1857
Rio Don Carlos .....	Gervacio Nolan .....	1843	Mexico .....	48	74	Oct. 2, 1860
San Fernando and San Blas ..	Bernabe M. Montaño <i>et al.</i> ...	1753	Spain .....	49	93	May 25, 1869
Cañada de los Apaches .....	Antonio Sedillo .....	1769	do .....	50	131	Apr. 6, 1871
Borrego Spring .....	Nerio Antonio Montoya .....	1831	Mexico .....	51	87	Dec. 19, 1863
Lovato, Roque .....	Roque Lovato .....	1785	Spain .....	52	133	Apr. 12, 1871
Cañada de los Alamos .....	Lorenzo Marquez .....	1785	do .....	53	89	Feb. 23, 1856
Cuyamungue .....	Bernardino de Sena <i>et al.</i> ...	1731	do .....	54	139	Aug. 11, 1871
Encinas .....	Juan Bautista Valdez .....	1814	do .....	55	137	July 12, 1871
Gotera .....	Juan de Dios Peña <i>et al.</i> ...	1830	Mexico .....	56	130	Mar. 23, 1871
Cañada de San Francisco .....	J. F. Baca y Terrus <i>et al.</i> ...	1840	do .....	57	136	May 16, 1871
Rancho del Rio Grande .....	José Mirabal <i>et al.</i> .....	1795	Spain .....	58	78	.....
Cerrillos .....	José M. de la Peña <i>et al.</i> ...	1788	do .....	59	132	Apr. 8, 1871
Galisteo, town of .....	Felipe Sandoval <i>et al.</i> .....	1814	Mexico .....	60	138	July 20, 1871
Cebolla .....	Juan C. Santistevan <i>et al.</i> ...	1845	do .....	61	141	Feb. 5, 1872
Cieneguilla .....	José Sanchez <i>et al.</i> .....	1795	Spain .....	62	145	Mar. 20, 1872
Caja del Rio .....	Nicolas Ortiz .....	1742	do .....	63	135	May 9, 1871
Mesita de Juana Lopez .....	Domingo Romero <i>et al.</i> ....	1782	do .....	64	149	Oct. 19, 1872



the office of the United States surveyor general for New Mexico, June 30, 1880.

The claim.			The survey.			Remarks.
Approved.	Transmitted.	Confirmed.	Made.	Acres.	County.	
Sept. 2, 1856	Sept. 30, 1856	June 21, 1860	1860	318,699.72	San Miguel	Patented April 5, 1871. Part in Colorado. Mainly in Colorado.
Sept. 10, 1856	do	Dec. 22, 1858	1859	121,594.53	Valencia	
Dec. 30, 1856	do	June 21, 1860	1876	594,515.55	Taos	
Dec. 24, 1856	Jan. 1, 1857	do	1877	131,779.37	do	
Dec. 30, 1856	do	Dec. 22, 1858	1878	10,612.57	Socorro	
Dec. 21, 1856	Sept. 30, 1857	June 21, 1860	1859	21,636.83	Doña Ana	Within Las Vegas No. 20.
		Dec. 22, 1858			San Miguel	
Sept. 17, 1857	do	June 21, 1860	1877	9,646.56	do	Patented July 30, 1874.
Aug. 15, 1857	do	do	1876	108,507.64	Mora	
Sept. 29, 1857	do	do	1861	16,546.85	Santa Fé	
Mar. 16, 1857	do	Dec. 23, 1858	1877	23,626.22	Bernalillo	
Sept. 17, 1857	do	June 21, 1860	1877	17,361.11	San Miguel	
Mar. 8, 1857	do	Dec. 22, 1858	1859	194,663.75	Valencia	Patented 1871. Patented May 20, 1875. Patented May 19, 1879. Patented Mar. 20, 1877. In Colorado.
Sept. 25, 1857	do	June 21, 1860	1866	31,594.76	Santa Fé	
Sept. 17, 1857	do	do	1877	1,714,764.94	Colfax	
Sept. 15, 1857	do	do	1871	17,712.00	San Miguel	
Sept. 17, 1857	do	do			do	
Sept. 10, 1857	do	do	1876	574.34	San Miguel	Rejected Aug. 29, 1859.
Sept. 18, 1857	do	do	1879	81,032.67	Santa Fé	
Dec. 18, 1858	Aug. 15, 1859	do	1860	496,446.96	San Miguel	
do	do	do	1861	99,289.27	Bernalillo	
do	do	do	1861	99,289.39	San Miguel	
May 10, 1859	do	do	1877	7,185.55	Valencia	Land purchases. Within Nambe Pu- eblo R. Patented Aug. 15, 1876.
May 12, 1859	do	do	1877	14,146.11	do	
Aug. 10, 1859	do	do	1877	17,360.97	do	
June 8, 1859	do	do	1877	11,476.68	Bernalillo	
June 10, 1859	do	do	1876	116,286.89	do	
Aug. 1, 1859	Sept. 1, 1859	do			Socorro	Patented Sept. 17, 1878. Patented Mar. 21, 1877.
July 25, 1859	Aug. 15, 1859	June 21, 1860	1876	46,461.22	Taos	
July 15, 1859	do	do	1876	51,387.80	Rio Arriba	
July 10, 1859	do	do	1878	383,856.81	San Miguel	
July 2, 1859	Sept. 1, 1859	do	1877	101,510.78	Valencia	
July 9, 1859	Aug. 15, 1859	do	1877	57.18	Santa Fé	Patented July 1, 1875. Patented Apr. 20, 1877. Patented Feb. 23, 1877. Patented May 20, 1876. Within Zia, Santa Ana, and Jemez T. T.
July 10, 1859	do	do	1860	827,621.01	Mora	
July 20, 1859	do	do	1872	397,235.39	Socorro	
do	do	do	1878	95,030.67	do	
July 2, 1859	do	do	1871	60,117.39	do	
May 7, 1859	do	do	1877	1,636.29	Rio Arriba	Embraces grants 58, 62, 116, and D. In Colorado.
July 23, 1859	do	do	1877	12,801.46	Bernalillo	
July 10, 1860	do	do	1877	31,802.92	do	
Jan. 20, 1860	Sept. 15, 1860	do			San Miguel	
Nov. 20, 1860	do	June 12, 1866	1866	3,501.21	Santa Fé	
Nov. 21, 1860	Nov. 29, 1860	Mar. 3, 1869	1872	655,468.07	San Miguel	Within Santa Fé grant 88.
Nov. 24, 1860	do	do	1876	163,921.68	do	
Dec. 12, 1860	do	Mar. 1, 1861	1861	69,458.33	Santa Fé	
	Dec. 30, 1860	Mar. 3, 1869	1876	127,875.86	Bernalillo	
Sept. 25, 1861	Nov. 2, 1861	June 21, 1860	1877	69,445.55	Valencia	
Oct. 5, 1861	do	Mar. 3, 1869	1876	200,848.25	Bernalillo	Rejected Feb. 24, 1872.
do	do	do	1877	126,024.53	Taos	
Oct. 8, 1861	Nov. 7, 1861	July 1, 1870			do	
Nov. 15, 1870	Nov. 26, 1870	do	1877	151,056.97	Bernalillo	
June 15, 1871	Nov. 6, 1871	do	1877	88,079.78	do	
June 20, 1871	do	do	1877	3,546.06	Valencia	Within Santa Fé grant 88.
July 8, 1871	do	do	1877	1,619.86	Santa Fé	
July 12, 1871	do	do	1878	13,706.02	do	
Nov. 15, 1871	Dec. 11, 1871	do	1877	1,086.30	do	
Nov. 16, 1871	do	do	1879	6,583.29	Rio Arriba	
Nov. 25, 1871	do	do			Santa Fé	Rejected Feb. 24, 1872.
do	do	do	1877	1,589.87	do	
Jan. 15, 1872	Jan. 20, 1872	do	1879	109,043.80	Taos	
Jan. 31, 1872	Feb. 5, 1872	do	1877	2,287.41	Santa Fé	
Mar. 23, 1872	Feb. 29, 1872	do			do	
June 13, 1872	Apr. 4, 1872	do	1877	17,159.57	Taos	Rejected Feb. 24, 1872.
Nov. 21, 1872	Nov. 26, 1872	do	1877	43,961.54	do	
Nov. 29, 1872	Dec. 11, 1872	do	1877 }	62,343.01	Santa Fé	
	do	do	1878 }		do	
	do	Jan. 28, 1879	1876	42,022.85	do	



## M.—Private land claims against the public domain in New Mexico on file in

Tract known as the—	Original grantees.	The grant.				The claim. Filed.
		Made in—	Made by—	Reported No.	File No.	
Cajon del Rio Tesuque .....	Juan de Gabaldon .....	1752	Spain .....	65	150	Oct. 19, 1872
San Joaquin del Nacimiento .....	Joaquin de Luna <i>et al.</i> .....	1769	do .....	66	134	Apr. 22, 1871
San Clemente .....	Ana de Sandoval y Manzanares.	1716	do .....	67	3	May 30, 1855
Chamizos Arroyo Hill .....	Luis de Armenta .....	1732	do .....	68	140	Jan. 21, 1872
Alamitos .....	Juan Salas <i>et al.</i> .....	1840	Mexico .....	69	151	Oct. 19, 1872
Estancia .....	Antonio Sandoval .....	1845	do .....	70	10	July 12, 1855
Cañon de Chama .....	Francisco Salazar <i>et al.</i> .....	1806	Spain .....	71	83	Jan. 3, 1861
Apache Spring .....	Ventura Trujillo .....	1842	Mexico .....	72	148	Sept. 21, 1872
Piedra Lumbre .....	Pedro Martin .....	1766	Spain .....	73	152	Dec. 10, 1872
Chamizos Arroyo .....	Marquez & Padilla .....	1742	do .....	74	143	Feb. 19, 1872
Sierra Mosca .....	Juan Luis Ortiz .....	1846	Mexico .....	75	119	Oct. 19, 1872
San Antonio del Rio Colorado, town of .....	Rafael Archuleta <i>et al.</i> .....	1842	do .....	76	153	Mar. 11, 1872
Ojo Caliente, town of .....	Luis Duran <i>et al.</i> .....	1793	Spain .....	77	156	Feb. 28, 1873
San Miguel Spring .....	Bartolome Fernandez .....	1767	do .....	78	154	Jan. 8, 1873
San Lorenzo Arroyo .....	Antonio Chaves .....	1825	Mexico .....	79	158	Aug. 15, 1873
Mestas, Juan de .....	Juan de Mestas .....	1699	Spain .....	80	147	Apr. 2, 1872
Cuyamungue Pueblo .....	Alfonso Rael de Aguilar .....	1699	do .....	81	146	Mar. 23, 1872
Cerros Negros .....	Salvador Gonzales .....	1742	do .....	82	157	June 13, 1873
Bornalillo, town of .....	Felipe Gutierrez .....	1701	do .....	83	164	Feb. 19, 1874
Angostura .....	Juan José Gonzales .....	1745	do .....	84	165	do .....
Doña Ana Bend .....	Doña Ana Colonists .....	1839	Mexico .....	85	161	Jan. 23, 1874
Mesilla Colony .....	Mesilla Colonists .....	1853	do .....	86	162	do .....
Sierra Mosca .....	Vicente Duran de Armijo .....	1806	Spain .....	87	159	Dec. 27, 1873
Santa Fé, city of .....	People of Santa Fé .....	1731	do .....	88	166	Apr. 10, 1874
Talaya .....	Manuel Trujillo .....	1731	do .....	89	160	Jan. 16, 1874
Refugio Colony .....	Refugio Colonists .....	1852	Mexico .....	90	163	Feb. 6, 1874
Alameda, town of .....	Francisco Montes Vigil .....	1710	Spain .....	91	144	Mar. 1, 1872
Jacona, town of .....	Roival & Pelaez .....	1702	do .....	92	168	June 5, 1874
Cañon del Rio Colorado .....	Antonio E. Armenta <i>et al.</i> .....	1836	Mexico .....	93	142	Feb. 10, 1872
Uña de Gato .....	Vernal & Lopez .....	1839	do .....	94	167	May 29, 1874
Cevilleta, town of .....	Carlos Gabladon <i>et al.</i> .....	1819	Spain .....	95	169	Oct. 5, 1874
Chaco Mesa .....	Ignacio Chaves <i>et al.</i> .....	1768	do .....	96	170	do .....
Santa Teresa de Jesus .....	Joaquin Mestas .....	1768	do .....	97	171	do .....
Cañada de los Alamos .....	Miera y Pacheco & Padilla .....	1768	do .....	98	172	Nov. 10, 1874
Nuestra Señora del Pilar .....	Felipe Tafoya <i>et al.</i> .....	1767	do .....	99	173	do .....
Bosque Grande .....	Miguel and Santiago Montoya.	1766	do .....	100	175	do .....
Lagunitas, Las .....	Antonio Baca .....	1762	do .....	101	176	do .....
San Marcos Spring .....	Antonio Urban Montaña .....	1754	do .....	102	155	Feb. 25, 1873
Agua Salada .....	Luis Jaramillo .....	1769	do .....	103	177	Dec. 10, 1874
Encinal .....	Battazar Baca and Sons .....	1768	do .....	104	178	do .....
Petaca .....	José Julian Martinez <i>et al.</i> .....	1836	Mexico .....	105	179	Feb. 12, 1875
Ojo de la Cabra .....	Juan Otero .....	1845	do .....	106	181	Jan. 29, 1875
Socorro, town of .....	Xavier Garcia <i>et al.</i> .....	1816	Spain .....	107	180	Feb. 25, 1875
Vallecito de Lovato .....	José R. Zamora <i>et al.</i> .....	1824	Mexico .....	108	182	May 20, 1875
Rancho de Taos .....	Francisca Antonia Gijosa .....	1715	Spain .....	109	110	Jan. 17, 1876
San Cristobal .....	Martinez & Martinez .....	1815	do .....	110	121	Jan. 19, 1878
Santa Teresa .....	Francisco Garcia .....	1790	do .....	111	115	June 4, 1877
Mesilla .....	José Trujillo .....	1700	do .....	112	117	Sept. 28, 1877
Arroyo Seco .....	do .....	1707	do .....	112	118	
Cañon de Pedernales .....	Juan Bautista Valdez .....	1807	do .....	113	127	Aug. 10, 1878
Santa Barbara .....	Valentin Martin <i>et al.</i> .....	1796	do .....	114	122	May 14, 1878
Cieneguilla .....	Francisco de Anaya Almanzan.	1714	do .....	115	125	Oct. 25, 1878
Lucero de Godoi .....	Antonio Martinez .....	1716	do .....	116	111	Jan. 17, 1876
Orejas del Llano de los Aguages.	Juan de Jesus Lucero .....	1826	Mexico .....	117	116	Sept. 27, 1877
Borrego Spring .....	Nerio Antonio Montoya .....	1768	Spain .....	118	97	July 27, 1871
San Miguel del Vado .....	Lorenzo Marquez <i>et al.</i> .....	1794	do .....	119	49	Mar. 19, 1857
José Dominguez .....	José Dominguez .....	1702	do .....	120	129	Jan. 15, 1880
Maragná .....	Baca y Pino <i>et al.</i> .....	1826	Mexico .....	121	126	Nov. 15, 1878
Cañon de San Diego .....	F. and J. A. Garcia de Noriega.	1788	Spain .....	122	128	Dec. 29, 1879
Ocate .....	Manuel Alvarez .....	1845	Mexico .....	1	1	Feb. 7, 1855
Cienega .....	City of Santa Fé .....	1715	Spain .....	4	4	May 30, 1855
Ortiz, Juan .....	Juan Ortiz .....	1846	Mexico .....	5	5	June 14, 1855
Chaperito, town of .....	Santiago Martin <i>et al.</i> .....	1846	do .....	7	7	June 27, 1855



*the office of the United States surveyor general for New Mexico, &c.—Continued.*

The claim.			The survey.			Remarks.
Approved.	Transmitted.	Confirmed.	Made.	Acres.	County.	
Nov. 22, 1872	Dec. 11, 1872	.....	1878	11, 619. 56	Santa Fé.....	
Nov. 30, 1872	Dec. 18, 1872	.....	1879	131, 725. 87	Rio Arriba ...	
Nov. 18, 1871	....do .....	.....	1878	89, 403. 40	Valencia.....	
Dec. 3, 1872	Jan. 14, 1873	.....	.....	.....	Santa Fé.....	Rejected Dec. 19, 1872.
Dec. 18, 1872	....do .....	.....	1877	436. 41	....do .....	
Jan. 4, 1873	Jan. 20, 1873	.....	1877	} 415, 036. 56	Valencia.....	
Dec. 17, 1872	Jan. 29, 1873	.....	1878			
.....	....do .....	.....	1878	472, 736. 95	Rio Arriba....	
Feb. 8, 1873	Feb. 10, 1873	.....	1877	48, 336. 12	San Miguel ...	
Feb. 19, 1873	Mar. 8, 1873	.....	1879	637. 23	Rio Arriba....	
Oct. 8, 1873	Oct. 31, 1873	.....	1879	33, 250. 39	Santa Fé.....	
.....	.....	.....	.....	.....	....do .....	
Jan. 6, 1874	Aug. 23, 1878	.....	.....	.....	Taos .....	
Jan. 2, 1874	Jan. 22, 1874	.....	1877	} 38, 590. 20	Rio Arriba....	
Jan. 7, 1874	Feb. 25, 1874	.....	1878			
Jan. 5, 1874	Jan. 24, 1874	.....	1877	25, 176. 39	Bernalillo....	
Feb. 5, 1874	Mar. 24, 1874	.....	1878	130, 138. 98	Socorro .....	
Feb. 16, 1874	Sept. 29, 1877	.....	1878	1, 686. 47	Santa Fé.....	
Jan. 5, 1874	Feb. 25, 1874	.....	.....	.....	....do .....	
Feb. 20, 1874	Mar. 10, 1874	.....	1878	103, 959. 31	....do .....	
Feb. 28, 1874	....do .....	.....	1877	11, 674. 37	Bernalillo....	
Mar. 31, 1874	Apr. 4, 1874	.....	1878	2, 319. 04	....do .....	
Feb. 12, 1874	May 23, 1874	.....	1878	19, 323. 57	Doña Ana ....	
Apr. 22, 1874	Apr. 27, 1874	.....	1878	33, 960. 33	....do .....	
Apr. 13, 1874	Apr. 17, 1874	.....	1877	17, 361. 11	Santa Fé.....	
....do .....	May 23, 1874	.....	1877	17, 361. 11	....do .....	
May 18, 1874	....do .....	.....	1878	1, 003. 55	....do .....	
June 3, 1874	June 6, 1874	.....	1878	26, 130. 19	Doña Ana ....	
June 10, 1874	June 13, 1874	.....	1878	106, 274. 87	Bernalillo....	
June 30, 1874	July 30, 1874	.....	1878	46, 341. 48	Santa Fé.....	
July 13, 1874	....do .....	.....	1877	42, 939. 21	Taos .....	
Nov. 14, 1874	Dec. 26, 1874	.....	.....	.....	Colfax .....	
Dec. 14, 1874	....do .....	.....	1878	224, 770. 13	Socorro .....	
....do .....	....do .....	.....	1878	} 243, 036. 43	Bernalillo....	
....do .....	....do .....	.....	1879			
....do .....	....do .....	.....	1877	3, 632. 94	....do .....	
....do .....	....do .....	.....	1879	148, 862. 94	....do .....	
Dec. 15, 1874	....do .....	.....	1877	22, 578. 12	....do .....	
....do .....	....do .....	.....	1879	3, 253. 09	....do .....	
Dec. 17, 1874	....do .....	.....	1877	46, 653. 03	....do .....	
Dec. 22, 1874	....do .....	.....	1877	1, 890. 62	Santa Fé.....	
Dec. 23, 1874	....do .....	.....	1879	18, 046. 59	Bernalillo....	
Dec. 24, 1874	....do .....	.....	1878	12, 207. 40	....do .....	
Feb. 20, 1875	Feb. 19, 1876	.....	1878	186, 977. 11	Taos .....	
July 13, 1875	Jan. 15, 1879	.....	1879	4, 340. 26	Valencia.....	
Aug. 28, 1875	Dec. 18, 1876	.....	.....	.....	Socorro .....	
Oct. 13, 1875	Feb. 19, 1876	.....	1878	114, 400. 54	Taos .....	
Apr. 25, 1878	.....	.....	.....	.....	....do .....	
.....	.....	.....	.....	.....	....do .....	
Dec. 11, 1878	.....	.....	.....	.....	Doña Ana.....	
Dec. 13, 1878	.....	.....	1879	5, 999. 69	Santa Fé.....	
Feb. 1, 1879	.....	.....	.....	.....	Rio Arriba....	
Mar. 12, 1879	.....	.....	1879	18, 489. 23	Taos .....	
Mar. 17, 1879	.....	.....	1879	45, 244. 73	Santa Fé.....	
Oct. 4, 1878	.....	.....	1879	67, 480. 20	Taos .....	
.....	.....	.....	.....	.....	....do .....	
Oct. 20, 1879	.....	.....	.....	.....	Bernalillo....	
Nov. 13, 1879	.....	.....	1879	315, 300. 80	San Miguel ...	
.....	.....	.....	.....	.....	Taos .....	
Feb. 6, 1880	.....	.....	.....	.....	Santa Fé.....	
Mar. 22, 1880	.....	.....	.....	.....	Bernalillo....	
.....	.....	.....	.....	.....	Mora .....	
.....	.....	.....	.....	.....	Santa Fé.....	
.....	.....	.....	.....	.....	....do .....	
.....	.....	.....	.....	.....	San Miguel...	



## M.—Private land claims against the public domain in New Mexico, on file in the

Tract known as the—	Original grantees.	The grant.				The claim.
		Made in—	Made by—	Reported No.	File No.	Filed.
Angostura de Peeos, town of.	José Miguel Sanchez <i>et al.</i>	1842	Mexico	...	23	Jan. 28, 1856
Sanchez Tract	José Maria Sanchez	1853	do	...	24	Mar. 24, 1856
Cubero, town of.	Settlers of the town	1834	do	...	26	Apr. 2, 1856
Hermosa Estrella	Carlos Salazar	1835	do	...	34	Sept. 8, 1856
Mora Tract	Estanislao Sandoval <i>et al.</i>	1835	do	...	35	Oet. 7, 1856
Santa Rosalia	Ignacio Cano	1833	do	...	37	Oet. 2, 1856
San Isidro, town of.	Ignacio S. Vergara	1809	Spain	...	42	Jan. 26, 1857
Peñaseo Largo	Santiago Ramirez	1744	do	...	52	May 22, 1857
Vallecito, town of.	Settlers of the town	1777	do	...	59	June 4, 1859
Rio de Picuris	Rafael Fernandez <i>et al.</i>	1832	Mexico	...	71	Sept. 25, 1859
Macho Bend	Francisco Gonzales <i>et al.</i>	1846	do	...	72	Aug. 9, 1859
Arquito	Rumaldo Arehivique	1840	do	...	75	Jan. 28, 1861
Angostura	Geronimo Gonzales	1843	do	...	76	May 25, 1860
San Antofito	Cristoval Jaramillo	1826	do	...	77	Dec. 30, 1860
Rito de San José	Pedro Gonzales <i>et al.</i>	1847	do	...	79	May 13, 1861
Conejos	José M. Martinez <i>et al.</i>	1833	do	...	80	July 3, 1861
Arroyo Hondo, town of	Nerio Sisneros <i>et al.</i>	1815	Spain	...	81	June 7, 1861
Cañada de las Mesteñas	Vicente Trujillo <i>et al.</i>	1828	Mexico	...	82	do
Plaza Blanca	Manuel Bustos	1739	Spain	...	84	Jan. 3, 1861
Plaza Colorado	R. Ignacio and J. L. Baldez.	1739	do	...	85	do
Talalla	Juan Miguel Tafolla <i>et al.</i>	1825	Mexico	...	86	June 7, 1861
Huertas, San Antonio de las	Andres de Aragon <i>et al.</i>	1767	Spain	...	88	Jan. 10, 1862
Cadillal	Joaquin Chaves <i>et al.</i>	1846	Mexico	...	90	Mar. 5, 1858
Embudo, San Antonio del.	Juan Marquez <i>et al.</i>	1725	Spain	...	91	July 5, 1863
Dábalos Tract	Gregorio Dábalos <i>et al.</i>	1846	Mexico	...	92	Dec. 4, 1860
Guadalupe	George Gold <i>et al.</i>	1837	do	...	94	Mar. 4, 1866
Cañada de Coehiti	Antonio Lucero	1728	Spain	...	95	Apr. 1, 1867
Cañon de Carmel	Juan Ignacio Tafoya <i>et al.</i>	1819	do	...	96	Mar. 15, 1871
Tesuque, Rio de	The settlers	...	do	...	98	Aug. 12, 1871
Ranchos and other towns	do	...	do	...	99	Jan. 10, 1872
Arkansas Colony	Royuela and Beales	1832	Mexico	...	100	July 5, 1870
Basques Lode	José Ortiz	...	Spain	...	101	Apr. 13, 1872
Tajo	Marcos Padilla <i>et al.</i>	1797	do	...	102	May 31, 1872
Santa Cruz	Luis Maria Baea	...	do	...	103	Apr. 2, 1872
Aguilar Tract	Alfonso Rael de Aguilar	1744	do	...	104	Feb. 19, 1872
Guadalupe, town of.	The settlers	1851	United States	...	105	July 17, 1872
Trijoles	Andres Montoya	1780	Spain	...	106	Oet. 19, 1872
Santa Rita del Cobre	Francisco M. de Elguea	1804	do	...	107	Nov. 18, 1872
Santa Teresa, Rancho de	Francisco Garcia	1790	do	...	108	June 5, 1873
Serna, Cristobal de la	Cristobal de la Serna	1710	do	...	109	Jan. 17, 1876
Rio del Oso	José Antonio Baldez	1840	Mexico	...	112	Apr. 27, 1876
Peña Blanca, town of	Jacinto Pelaez	1695	Spain	...	113	July 27, 1871
Mesilla Valley	Meregildo Guerra <i>et al.</i>	1851	Mexico	...	114	Oet. 4, 1863
Don Fernandez de Taos	The settlers	1796	Spain	...	120	Jan. 21, 1878
Torreon	Bartolome Baea	1819	do	...	123	Sept. 13, 1878
Polvareda	Juan Pablo Martin	1766	do	...	124	Mar. 17, 1876
Vallecito	J. G. de la Mora <i>et al.</i>	1807	do	...	183	July 25, 1877
Jemez, pueblo of.	Inhabitants of the pueblo	1689	do	A	...	Sept. 14, 1855
Acoma, pueblo of	do	1689	do	B	...	Mar. 3, 1856
San Juan, pueblo of.	do	1689	do	C	...	Aug. 18, 1855
Pieuris, pueblo of.	do	1689	do	D	...	June 2, 1856
San Felipe, pueblo of.	do	1689	do	E	...	Feb. 18, 1856
Peeos, pueblo of	do	1689	do	F	...	Sept. 14, 1855
Coehiti, pueblo of	do	1689	do	G	...	May 9, 1856
Santo Domingo, pueblo of.	do	1689	do	H	...	Mar. 12, 1856
Taos, pueblo of.	do	...	do	I	...	Aug. 2, 1856
Santa Clara, pueblo of	do	...	do	K	...	June 16, 1856
Tesuque, pueblo of.	do	...	do	L	...	June 14, 1856
San Ildefonso, pueblo of	do	...	do	M	...	June 16, 1856
Pojoaque, pueblo of.	do	...	do	N	...	June 28, 1856
Zia, pueblo of	do	1689	do	O	...	Oet. 16, 1856
Sandia, pueblo of.	do	1748	do	P	...	do
Isleta, pueblo of	do	...	do	Q	...	Nov. 8, 1856
Nambe, pueblo of	do	...	do	R	...	Sept. 29, 1856
Laguna, pueblo of.	do	1689	do	S	...	June 29, 1859
Santa Ana, pueblo of	do	1689	do	T	...	Oet. 3, 1866
Zia, Santa Ana and Jemez, pueblos of.	do	1766	do	TT	...	May 22, 1873
San Cristoval, pueblo of.	do	1689	do	U	...	...
Zuñi, pueblo of	do	1689	do	V	...	July 3, 1875



office of the United States surveyor general for New Mexico, &c.—Continued.

The claim.			The survey.			Remarks.
Approved.	Transmitted.	Confirmed.	Made—	Acres.	County.	
					San Miguel	
					Doña Ana	
					Valencia	
					Mora	
					do	
					Santa Fé	
					Bernalillo	
					Santa Fé	
					Bernalillo	
					Taos	
					San Miguel	
					Bernalillo	
					San Miguel	
					Bernalillo	
					Valencia	
						In Colorado.
					Taos	
					do	
					Rio Arriba	
					do	
					Santa Fé	
					Bernalillo	
					Santa Fé	
					Taos	
					Doña Ana	
					Mora	
					Bernalillo	
					do	
					Santa Fé	No muniment filed.
					Bernalillo	For sundry tracts.
					Various	No muniment filed.
					Bernalillo	Do.
					do	
					do	
					Santa Fé	
					Taos	Do.
					Bernalillo	
					Grant	Do.
					Doña Ana	In file 115; reported 111.
					Taos	
					Rio Arriba	
					Bernalillo	
					Doña Ana	In Mesilla Colony. Reported No. 86.
					Taos	
					Valencia	
					Rio Arriba	
					do	
	Sept. 30, 1856	Dec. 22, 1858	1859	17, 510. 45	Bernalillo	Patented in 1864.
	do	do	1877	95, 791. 66	Valencia	Patented November 19, 1877.
	do	do	1859	17, 544. 77	Rio Arriba	Patented in 1864.
	do	do	1859	17, 460. 69	Taos	Do.
	do	do	1859	34, 766. 86	Bernalillo	Do.
	do	do	1859	18, 763. 33	Santa Fé	Do.
	do	do	1859	24, 256. 50	Bernalillo	Do.
	do	do	1859	74, 743. 11	do	Do.
	do	do	1859	17, 360. 55	Taos	Do.
	do	do	1859	17, 368. 52	Rio Arriba	Do.
	do	do	1859	17, 471. 12	Santa Fé	Do.
	do	do	1859	17, 292. 64	do	Do.
	do	do	1859	13, 520. 38	do	Do.
	Nov. 30, 1856	do	1859	17, 514. 63	Bernalillo	Do.
	do	do	1859	24, 187. 29	do	Do.
	do	do	1859	110, 080. 31	do	Do.
	do	do	1859	13, 586. 33	Santa Fé	Do.
	Dec. 18, 1872		1877	125, 225. 18	Valencia	
	Jan. 5, 1867	Feb. 9, 1876	1876	17, 360. 56	Bernalillo	
Feb. 2, 1874	Feb. 25, 1874		1877	382, 849. 00	do	
					Santa Fé	
Sept. 25, 1879			1880	17, 581. 25	Valencia	Pueblo extinct.



## M.—Private land claims against the public domain in New Mexico, on file in

Tract known as the—	Original grantees.	The grant.				The claim.
		Made in—	Made by—	Reported No.	File No.	Filed.
Santa Rita del Cobre mine ..	Santa Rita Mining Association.	.....	U. S. Statutes, July 26, 1866.	.....	.....	Aug. 7, 1869
San Agustin mine .....	San Agustin Mining Company.	.....	do .....	.....	.....	July 23, 1870
Eagle placer .....	Thomas V. Kearns .....	.....	U. S. Statutes, May 10, 1872.	.....	.....	Nov. 2, 1872
San Francisco placer .....	Thomas Buckley .....	.....	do .....	.....	.....	do .....
Gem placer .....	John Ayers .....	.....	do .....	.....	.....	do .....
Ruby placer .....	Joseph Farren .....	.....	do .....	.....	.....	do .....
Star placer .....	Thomas Buckley, agent .....	.....	do .....	.....	.....	do .....
Sun placer .....	Joseph Farren, agent .....	.....	do .....	.....	.....	do .....
Wisconsin Company mill site.	Wisconsin Company .....	.....	do .....	.....	.....	Mar. 29, 1873
Cibola Company mill site ..	Cibola Reduction and Smelting Company.	.....	do .....	.....	.....	do .....
Pope mill site .....	Nathaniel Pope .....	.....	do .....	.....	.....	do .....
Chicago Company mill site ..	New Mexico Silver Mining Company of Chicago.	.....	do .....	.....	.....	do .....
California mill site .....	William L. Rynerson .....	.....	do .....	.....	.....	do .....
Santa Juliana mine .....	J. S. Hutchason <i>et al</i> .....	.....	do .....	.....	.....	May 5, 1873
Santa Juliana mine, first extension S.	H. S. Hays <i>et al</i> .....	.....	do .....	.....	.....	do .....
L. B. Maxwell mine .....	John S. Hutchason .....	.....	do .....	.....	.....	do .....
J. S. Hutchason mill site ..	J. S. Hutchason .....	.....	do .....	.....	.....	do .....
Chaves mine .....	J. S. Hutchason <i>et al</i> .....	.....	do .....	.....	.....	do .....
Grand Tower mine .....	H. S. Hays <i>et al</i> .....	.....	do .....	.....	.....	do .....
Hays & Company mill site ..	do .....	.....	do .....	.....	.....	do .....
Legal Tender mine .....	do .....	.....	do .....	.....	.....	do .....
Nickel mine .....	do .....	.....	do .....	.....	.....	do .....
Montezuma mine .....	Hutchason & Isbell .....	.....	do .....	.....	.....	do .....
Great Eastern mine .....	H. S. Hays <i>et al</i> .....	.....	do .....	.....	.....	do .....
Silver City town site .....	Inhabitants of the town ..	.....	U. S. Statutes, Mar. 2, 1867.	.....	.....	Jan. 23, 1873
Peabody mine .....	David Abrahams .....	.....	U. S. Statutes, May 10, 1872.	.....	.....	June 27, 1873
Legal Tender mine .....	Joseph Yankie <i>et al</i> .....	.....	do .....	.....	.....	do .....
Desideria mine .....	John A. Miller .....	.....	do .....	.....	.....	Sept. 29, 1873
Mohawk mine .....	Martin W. Bremen .....	.....	do .....	.....	.....	do .....
Emma mine .....	do .....	.....	do .....	.....	.....	do .....
Seneca mine .....	do .....	.....	do .....	.....	.....	do .....
Dexter mine .....	do .....	.....	do .....	.....	.....	do .....
Josephine mine .....	do .....	.....	do .....	.....	.....	do .....
Jessie mine .....	do .....	.....	do .....	.....	.....	do .....
Green Mountain mine .....	do .....	.....	do .....	.....	.....	do .....
Monmouth mine .....	do .....	.....	do .....	.....	.....	do .....
Twilight Ledge Star mine ..	Allen & Reviere .....	.....	do .....	.....	.....	do .....
Republican mine .....	Martin Willis Bremen .....	.....	do .....	.....	.....	May 13, 1874
McGregor mine .....	Casey & McGregor .....	.....	do .....	.....	.....	Oct. 24, 1874
Yosemite mine .....	Robert Dougherty .....	.....	do .....	.....	.....	Nov. 27, 1874
Chino mine .....	Magruder & Fresh .....	.....	do .....	.....	.....	do .....
Satisfaction mine .....	Stanton S. Brannin .....	.....	do .....	.....	.....	Mar. 22, 1875
Naiad Queen mine .....	H. M. Meredith .....	.....	do .....	.....	.....	May 31, 1875
Hanover copper mine .....	Thomas B. Catron .....	.....	do .....	.....	.....	June 24, 1875
Hanover mill site .....	Thomas B. Catron <i>et al</i> ..	.....	do .....	.....	.....	do .....
Superior mine .....	McKane & Lesinsky .....	.....	do .....	.....	.....	Aug. 16, 1875
Alice placer .....	E. A. Fiske, agent .....	.....	do .....	.....	.....	May 18, 1876
Artesian well placer .....	Conway & Spiegelberg, agents.	.....	do .....	.....	.....	do .....
Henk gold mine .....	Arroyo Hondo Company ..	.....	U. S. Statutes, July 26, 1866.	.....	.....	Mar. 29, 1872
Chimborazo silver mine .....	do .....	.....	do .....	.....	.....	do .....
Baker placer .....	John D. Baker .....	.....	U. S. Statutes, May 10, 1872.	.....	.....	July 5, 1876
Davis placer .....	Fiske & Smith .....	.....	do .....	.....	.....	do .....
Ancheta mill site .....	N. Y. Ancheta .....	.....	do .....	.....	.....	Oct. 18, 1877
Ivanhoe mine .....	John P. Risque .....	.....	do .....	.....	.....	June 20, 1878
San José copper mine .....	Mimbres Mining and Reducing Works Company.	.....	do .....	.....	.....	do .....
Pacific mine .....	Joseph Reynolds .....	.....	do .....	.....	.....	Aug. 23, 1878
South extension, Pacific mine.	J. Edgar Griggs .....	.....	do .....	.....	.....	do .....
Star of the West mine .....	J. J. Backus <i>et al</i> .....	.....	do .....	.....	.....	do .....
Uncle Samuel mine .....	John R. Magruder .....	.....	do .....	.....	.....	Sept. 10, 1878



*the office of the United States surveyor general of New Mexico, &c.—Continued.*

The claim.			The survey.			Remarks.
Approved.	Transmitted.	Confirmed.	Made—	Acres.	County.	
Aug. 25, 1869	Aug. 28, 1869	.....	1869	31. 21	Grant.....	
June 28, 1873	July 14, 1873	.....	1873	10. 33	Doña Ana ....	
.....	.....	.....	1872	.....	Bernalillo....	
.....	.....	.....	1872	.....	do .....	
.....	.....	.....	1872	.....	do .....	
.....	.....	.....	1872	.....	do .....	
.....	.....	.....	1872	.....	do .....	
.....	.....	.....	1872	.....	Grant.....	
.....	.....	.....	1872	.....	do .....	
Mar. 31, 1873	Apr. 12, 1873	.....	1873	5. 00	do .....	
.....	.....	.....	1873	.....	do .....	
May 10, 1875	May 22, 1875	.....	1875	3. 03	do .....	
.....	.....	.....	1872	.....	Socorro .....	
.....	.....	.....	1872	.....	do .....	
.....	.....	.....	1872	.....	do .....	
.....	.....	.....	1872	.....	do .....	
.....	.....	.....	1872	.....	do .....	
.....	.....	.....	1872	.....	do .....	
.....	.....	.....	1872	.....	do .....	
Apr. 5, 1875	Apr. 7, 1875	.....	1872	20. 66	do .....	Patented Jan., 1880.
.....	.....	.....	1872	.....	do .....	
Mar. 15, 1873	Mar. 22, 1873	.....	1873	639. 60	Grant.....	
July 5, 1873	July 21, 1873	.....	1873	6. 88	do .....	
.....	.....	.....	1873	.....	do .....	
.....	.....	.....	1873	.....	do .....	
.....	.....	.....	1873	.....	do .....	
.....	.....	.....	1873	.....	do .....	
.....	.....	.....	1873	.....	do .....	
.....	.....	.....	1873	.....	do .....	
.....	.....	.....	1873	.....	do .....	
.....	.....	.....	1873	.....	do .....	
Apr. 10, 1874	Apr. 14, 1874	.....	1873	6. 89	do .....	
.....	.....	.....	1874	.....	do .....	
Jan. 11, 1875	Jan. 14, 1875	.....	1874	10. 35	do .....	
Jan. 25, 1875	Feb. 8, 1875	.....	1874	17. 91	do .....	
do .....	do .....	.....	1874	20. 66	do .....	Patented, 1879.
Mar. 23, 1875	Apr. 7, 1875	.....	1874	20. 66	do .....	
Nov. 20, 1875	Dec. 18, 1875	.....	1875	20. 66	do .....	
Aug. 23, 1875	Sept. 17, 1875	.....	1875	20. 66	do .....	
Nov. 23, 1875	Dec. 29, 1875	.....	1875	5. 00	do .....	
Nov. 20, 1875	Dec. 18, 1875	.....	1875	20. 66	do .....	
.....	.....	.....	.....	.....	Santa Fé.....	
.....	.....	.....	.....	159. 37	do .....	
.....	.....	.....	.....	.....	Taos .....	
.....	.....	.....	.....	.....	do .....	
Feb. 20, 1880	Feb. 25, 1880	.....	1876	159. 83	Santa Fé.....	
.....	.....	.....	1876	.....	do .....	
Sept. 25, 1878	Oct. 7, 1878	.....	1877	4. 91	Grant.....	
.....	.....	.....	1878	.....	do .....	
.....	.....	.....	1878	.....	do .....	
Dec. 24, 1878	Jan. 2, 1879	.....	1877	1. 68	do .....	
do .....	do .....	.....	1877	1. 14	do .....	
.....	.....	.....	.....	.....	do .....	
Aug. 27, 1878	Oct. 7, 1878	.....	1878	1. 14	do .....	
Jan. 31, 1880	Mar. 6, 1880	.....	1875	20. 66	do .....	



M.—Private land claims against the public domain in New Mexico, on file in the

Tract known as the—	Original grantees.	The grant.				The claim.
		Made in—	Made by—	Reported No.	File No.	Filed.
Sandovol Green mica mine..	Santa Fé Mica Company ..	.....	U. S. Statutes, May 10, 1872.	.....	.....	Dec, 28, 1878
Bremen mine .....	Martin W. Bremen.....	.....	do .....	.....	.....	July 11, 1879
Seventy-Six mine .....	do .....	.....	do .....	.....	.....	do .....
Legal Tender mine.....	Yankie & Weeks .....	.....	do .....	.....	.....	Oct. 23, 1879
New Issue mine .....	B. H. Lyster .....	.....	do .....	.....	.....	Jan. 9, 1880
Yellow Jacket mine .....	S. P. M. and M. Land Com- pany.	.....	do .....	.....	.....	Feb. 11, 1880
Ophir mine .....	do .....	.....	do .....	.....	.....	do .....
Atwood mine .....	do .....	.....	do .....	.....	.....	do .....
Evening Star mine.....	do .....	.....	do .....	.....	.....	do .....
Henry Clay mine.....	do .....	.....	do .....	.....	.....	do .....
Pacific mine .....	Joseph Reynolds.....	.....	do .....	.....	.....	Feb. 18, 1880
South Extension, Pacific mine.	Thomas J. Bull .....	.....	do .....	.....	.....	do .....
Northwest Extension, No. 1 Silver Bar mine.	John A. Miller.....	.....	do .....	.....	.....	July 5, 1880
North Extension, Volcano mine.	Childs & Chamberlin .....	.....	do .....	.....	.....	do .....
Josephine mine .....	Chamberlin & Childs .....	.....	do .....	.....	.....	do .....



office of the United States surveyor general for New Mexico, &c.—Continued.

The claim.			The survey.			Remarks.
Approved.	Transmitted.	Confirmed.	Made—	Acres.	County.	
Oct. 3, 1879	.....	.....	1878	.....	Rio Arriba....	
July 25, 1879	Aug. 23, 1879	.....	1879	20. 22	Grant.....	
do .....	do .....	.....	1879	20. 66	do .....	
Oct. 25, 1879	Oct. 31, 1879	.....	1879	17. 66	do .....	
Feb. 28, 1880	Mar. 5, 1880	.....	1879	17. 22	do .....	
Mar. 15, 1880	Mar. 31, 1880	.....	1879	.....	do .....	
do .....	do .....	.....	1879	.....	do .....	
do .....	do .....	.....	1879	.....	do .....	
do .....	do .....	.....	1879	.....	do .....	
do .....	do .....	.....	1879	.....	do .....	
Mar. 25, 1880	Apr. 13, 1880	.....	1879	2. 12	do .....	
do .....	do .....	.....	1879	5. 86	do .....	
.....	.....	.....	1880	.....	do .....	
.....	.....	.....	1880	.....	do .....	
.....	.....	.....	1880	.....	do .....	

HENRY M. ATKINSON,  
Surveyor General.

SURVEYOR GENERAL'S OFFICE,  
Santa Fé, N. Mex., August 31, 1880.



N.—Statement of expenditures for clerk hire made from the \$850 set aside from the appropriation of \$10,000, act of March 3, 1879, “for surveying private land claims in New Mexico, 1880,” for the fiscal year ending June 30, 1880.

Fiscal quarter.	Name.	Position.	Salary.	Amount.	Remarks.
First ....	Stephen P. Hathaway ..	Clerk .....	\$1, 500 00	\$122 20	For September, 1879.
First ....	A. Z. Huggins .....	Draughtsman.	1, 500 00	48 91	For September, 1879, part.
Second ..	W. R. Rogers .....	Clerk .....	750 00	34 65	For October, 1879, part.
Second ..	Stephen P. Hathaway ..	do .....	1, 500 00	126 40	For October, 1879.
Second ..	William White .....	Draughtsman.	.....	30 00	For nine days, at \$3.33½ per day, in November, 1879.
Second ..	.....do.....	do .....	1, 500 00	61 14	For December, 1879, part.
Third....	Alfred Burley.....	Clerk .....	1, 500 00	12 36	For January, 1880, part.
Third....	.....do.....	do .....	1, 500 00	119 60	For February, 1880.
Third....	.....do.....	do .....	1, 500 00	81 39	For March, 1880, part.
Fourth ..	.....do.....	do .....	1, 500 00	123 60	For April, 1880.
Fourth ..	.....do.....	do .....	1, 500 00	88 60	For May, 1880, part.
				848 85	

HENRY M. ATKINSON,

Surveyor General.

SURVEYOR GENERAL'S OFFICE,

Santa Fé, N. Mex., August 31, 1880.

M.—Report of the surveyor general of Oregon.

OFFICE OF UNITED STATES SURVEYOR GENERAL,

Portland, Oreg., August 15, 1880.

SIR: In compliance with your request, dated April 5, 1880, I have the honor to here- with submit (in duplicate) the annual report of this office relating to the surveying service in this district for the fiscal year ending June 30, 1880, accompanied by tabu- lar statements as follows:

A.—Statement showing condition of contracts not closed at date of last annual report.

B.—Statement of surveying contracts made under the appropriation of \$20,000 for surveys in Oregon for the fiscal year ending June 30, 1880.

C.—Statement of surveying contracts made under special deposits for the fiscal year ending June 30, 1880.

D.—Statement of special deposits for office work in survey of mining claims in Ore- gon for fiscal year ending June 30, 1880.

E.—Statement of original plats of surveys made and copies thereof transmitted since June 30, 1880.

F.—Statement showing amounts deposited and expended for surveys under special deposit law for fiscal year ending June 30, 1880.

G.—Statement of appropriation and expenditures for surveyor general of Oregon and clerks in his office for the fiscal year ending June 30, 1880.

H.—Statement of appropriation and expenditures for incidental expenses of office of surveyor general for fiscal year ending June 30, 1880.

I.—Estimate of funds required for the surveying service in Oregon for the fiscal year ending June 30, 1882.

From the census just taken it is found that the population of this State has increased more than 90 per cent. within the last decade, and it is safe to say that fully three-fifths of this increase has occurred within the past three years. It being mostly of an agri- cultural character, its spread has been steady and gradual over the hitherto neglected and unsurveyed portions of the State, until now there is scarcely any part of this district, no matter how rugged and forbidding it may have appeared on first sight, which has not its crude settlement, and which is not in communication with others, or the older settlements, in some form. Particularly has this been the case in Eastern and Southeastern Oregon, the heretofore unsettled regions. With this result have come corresponding requests for extension of the public surveys, until now no por- tion of the State can be said to be too remote to require attention. As evidence of the truth of this statement it is only necessary to refer to the tabulated statements here- with submitted, by which it will be seen that, in addition to the annual appropriation by Congress, more than \$75,000 has been deposited for surveys by settlers residing on unsurveyed lands in every portion of the State—a sum equal to almost five times the amount of the current year's appropriation. And this condition is likely to continue



for years to come, or at least until the greater portion of this district shall have been surveyed. Under the constantly increasing stimulus of immigration, with its resultant improvements and increase of traveling facilities and means of transportation, with our growing reputation as a land of valuable and varied resources, has come for investment and employment the hoarded capital and unemployed labor of the States east of the Rocky Mountains, until we feel that we can at least discern the dawn of an era trailing in its wake prosperity and development for this northwest coast, which has long been forbidden by our isolation. Experienced and candid observers predict an increase in our population, within the next decade, of not less than 300 per cent. With it is reasonably expected a corresponding augmentation of all that accompanies the shifting of an enlightened and industrious civilization.

These remarks are not dictated by any spirit of boastfulness or over-sanguine hope, but are suggested by the common, every-day evidences of observation. With these convictions we more fully than ever realize the necessity of such attention and assistance from the general government in the immediate future, as its duty requires it to bestow. Questions of importance, which have heretofore been viewed as of no urgent necessity, will be thrust to the front at once for the consideration of Congress, and not least among these is the settlement of the questions which have arisen in connection with our

SWAMP-LAND GRANT,

which was extended to this State by act of Congress approved March 12, 1860, and which has for years been an annoying theme to both the State and national land departments, as well as engendering much bad feeling among citizens of the State. It is gratifying, however, to learn that measures are now being adopted by the Interior Department, assisted by the authorities of our State, which will no doubt settle the question to the satisfaction of all fair-minded parties, at least so far as it can be done under existing laws and instructions. Without special legislation by Congress, and new instructions upon the swamp-land question by the Commissioner of the General Land Office, the end will never be reached.

The law, as now interpreted, grants, *in presenti*, to the State of Oregon, all the swamp and overflowed land found within her limits not otherwise disposed of at the date of the grant. These lands cannot be claimed by the State, and proof of their swampy character be taken by the agent of the general government, in co-operation with the State agent, until the lines of survey shall have been extended over them, either by actual measurement on the land, or by protraction on the maps, and the acreage ascertained, even to the smallest legal subdivision. Yet, under present instructions, swamp lands are not classed as surveyable, nor are they allowed to be meandered, but all government lines are required to be discontinued at either the section or quarter section corner, and protraction on the maps not being permitted, it is thus made difficult to anticipate the end of what seems to me a vaguely understood subject.

There are large tule marshes and swamps within the limits of Oregon, in which there is no navigable water, but which are too swampy to permit the extension of the lines of survey over them by actual measurement on the surface. There are other large tule marshes lying between the present surveyed lines and corners and the navigable waters of the lakes, which are desirable and susceptible of reclamation, but which are unavailable by reason of outlying meanders.

All of the above-named swamps and marshes are, or will be, claimed by the State, and unless Congress enacts some provision of law whereby these lands can be surveyed and segregated from the government land I see no final solution of the question.

Very respectfully, your obedient servant,

JAMES C. TOLMAN,  
*Surveyor General, Oregon.*

Hon. J. A. WILLIAMSON,  
*Commissioner General Land Office, Washington, D. C.*



## A.—Statement showing condition of contracts not closed at date of last annual report.

Number of contract.	Date.	Name of depnty.	Description and location of lines.	Number of miles surveyed.			Acres.	No. plats made.				Amount paid on con- tracts.	Remarks.
				Exteriors.	Subdivisions and meanders.	Total.		Original.	General Land Office.	Register.	Total.		
319	1879. Mar. 26	George S. Pershin ..	Subdivisional lines of township 3 south, range 31 east, Willamette meridian, Oregon.	<i>M. C. L.</i> .....	<i>M. C. L.</i> 59 78 08	<i>M. C. L.</i> 59 78 08	23, 002. 59	1	1	1	3	\$551 84	Completed.
320	Apr. 1	Thatcher & McCornack.	Exteriors of township 2 south, range 37 east, of township 8 south, range 38 east, of township 3 south, range 40 east, and townships 4 and 5 south, range 41 east, and the subdivisions of each of the above-named townships, together with the subdivisions of 9 and 10 south, range 39 east, and of townships 2 and 4 south, range 38 east, all of Willamette meridian, Oregon.	30 01 67	169 17 83	199 19 50	68, 537. 76	2	2	1	5	1, 754 64	Do.
321	Apr. 11	William Thiel .....	Fractional subdivisions of township 22 south, range 4 west, Willamette meridian, Oregon.	.....	1 79 40	1 79 40	800. 00	1	1	1	3	19 92	Do.
322	May 3	W. N. Saunders.....	Subdivisional lines of fractional township 40 south, range 7 west, Willamette meridian, Oregon.	.....	5 79 75	5 79 75	1, 598. 01	1	1	1	3	59 97	Do.
323	May 26	William H. Byars...	Subdivisions of township 22 south, range 12 west, Willamette meridian, Oregon.	.....	3 00 15	3 00 15	640. 00	1	1	1	3	30 00	Do.
Total number of miles surveyed.....				.....	.....	270 16 88	.....	.....	.....	.....	17	.....	.....
Total number of acres surveyed.....				.....	.....	.....	94, 578. 36	.....	.....	.....	.....	.....	.....
Total number of plats made.....				.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Amount paid for surveys.....				.....	.....	.....	.....	.....	.....	.....	.....	2, 416 37	.....

JAMES C. TOLMAN,  
Surveyor General, Oregon.

PORTLAND, OREG., August, 1880.



B.—Statement of surveying contracts made under the appropriation of \$20,000 for surveys for the fiscal year ending June 30, 1880.

No. of contract.	Date.	Name of deputy.	Description and location of work.	Amount surveyed.			Estimated amount of contract.	Amount returned and paid.	Remarks.
				Standards.	Exteriors.	Subdivisions.			
324	1879.	William P. Wright....	Exteriors of townships 29 and 30 south, range 11 west, of townships 30 south, ranges 12 and 14 west, and the subdivisions of each of the above-named townships together with those of township 28 south, range 13 west, Willamette meridian, Oregon.	M. C. L. .....	M. C. L. 16 01 00	M. C. L. 116 17 31	\$1, 526 00	\$1, 384 53	Completed.
325	June 24	E. A. Thatcher.....	Extension of first standard parallel south, through ranges 25 and 26 east; of the second standard parallel south, through ranges 25, 26, 27, and 28 east; the exteriors of townships 5 south, ranges 25 and 26 east; of township 4 south, range 22 east; of townships 9 and 10 south, range 25 east; of townships 10 south, ranges 26, 27, and 28 east, and the subdivisions of townships 4 south, ranges 22 and 23 east and of townships 5 south, ranges 25 and 26 east, Willamette meridian, Oregon.	35 79 98	60 03 69	240 10 28	3, 024 00	3, 667 31	Do.
326	June 6	Candle & Brand .....	Exteriors of township 2 north, range 6 west, and subdivision of township 2 north, range 6 west; of fractional townships 1, 2, and 3 north, range 4 west, and of township 2 north, range 5 west, Willamette meridian.	.....	18 02 06	118 35 19	1, 443 00	1, 436 77	Do.
327	June 6	A. H. Simmons.....	Exteriors of townships 1 north, ranges 41 and 42 east; of townships 1 south, ranges 40, 41, 42, and 43 east; of township 2 south, range 44 east, and of township 3 south, range 45 east, with a limit of 72 miles of subdivisions in such of said townships as may be found most needed for settlement.	.....	.....	.....	1, 500 00	.....	Deputy still in the field under an extension of time.
328	June 20	McKenzie & Eckelson.	Extension of the seventh (special) standard parallel south, through ranges 2, 3, and 4 west; the exteriors of townships 33 south, ranges 2, 3, and 4 west; of townships 40 south, ranges 1, 2, and 3 west; of townships 41 south, ranges 1, 2, and 3 west, and of township 34 south, range 3 east, together with the subdivisions of such of the above-named townships as may be found most in demand for settlement.	18 00 00	75 65 75	98 11 66	3, 000 00	2, 343 02	Deputies still in the field under extension of time and substitution of work.



B.—Statement of surveying contracts made under the appropriation of \$20,000 for surveys for the fiscal year ending June 30, 1880—Continued.

No. of contract.	Date.	Name of deputy.	Description and location of work.	Amount surveyed.			Estimated amount of contract.	Amount returned and paid.	Remarks.
				Standards.	Exteriors.	Subdivisions.			
329	1879. June 17	Byars & Gray.....	Exteriors of townships 40 and 41 south, ranges 21, 22, 23, 24, and 25 east; of township 41 south, range 26 east, and the subdivisions of such of the above-named townships as may be found most in demand for settlement.	M. C. L. .....	M. C. L. 93 50 12	M. C. L. 348 68 12	\$4,000 00	\$3,494 15	Completed.
330	July 21	William B. Barr .....	Exteriors of townships 18 south, ranges 9, 10, and 11 west, and such of the subdivisions of each of said townships as may be found most needed for settlement, to the aggregate limit of \$1,600 as the cost of work under this contract.	.....	24 06 00	135 25 00	1,600 00	1,691 42	Do.
331	July 26	Simon B. Cathcart ....	Exteriors and subdivisions of township 24 south, range 11 west, Willamette meridian, Oregon.	.....	.....	.....	574 00	.....	Work returned but not platted. Completed.
335	Aug. 11	Aaron F. York.....	Exteriors of townships 6 south, ranges 25 and 26 east, and townships 9 south, ranges 26, 27, and 28 east, Willamette meridian, together with 292 miles of subdivisions where found most needed.	.....	17 67 35	212 59 69	2,004 00	2,376 57	
336	Aug. 12	Alonzo Gesner.....	Extension of the second standard parallel south, through ranges 2, 3, and 4 east; exteriors of townships 9 and 10 south, range 4 east; of township 1 north, range 10 east, and the subdivisions of township 1 north, range 10 east, Willamette meridian, Oregon.	18 01 94	41 59 64	59 75 23	1,320 00	1,472 23	Do.
			Minor totals.....	72 01 92	374 15 61	1,329 62 48	.....	.....	
			Total number of miles surveyed.....	.....	.....	1,776 00 01	.....	.....	
			Estimated amount of contracts.....	.....	.....	.....	19,991 00	.....	
			Amount paid on contracts.....	.....	.....	.....	.....	17,866 00	

PORTLAND, OREG., August, 1880.

JAMES C. TOLMAN,  
Surveyor General, Oregon.



*C.—Statement of surveying contracts made under special deposits for the fiscal year ending June 30, 1880.*

No. of contract.	Date.	Name of deputy.	Location and character of work.	Amount surveyed.		Estimated amount of contract.	Amount paid on contract.	Amount deposited for field work.	Remarks.
				Exteriors.	Subdivisions.				
332	1879. July 29	George S. Pershin ....	Exteriors and subdivisions of township 3 south, range 30½ east, and the subdivisions of township 3 south, range 30 east, and township 4 north, range 37 east, Willamette meridian, Oregon.	<i>M. C. L.</i> 1 11 68	<i>M. C. L.</i> 113 79 98	\$820 00	\$820 00	\$820 00	Completed.
333	Aug. 13	John Fitzhugh .....	Subdivisions of township 35 south, range 14 west, Willamette meridian, Oregon.	.....	4 79 90	50 00	49 98	50 00	Do.
334	Aug. 2	Henry Meldrum .....	Exteriors of township 25 south, range 10 east; of townships 28 south, ranges 9, 10, and 11 east, together with the subdivisions of each of the townships named; also the subdivisions of townships 25 and 29 south, range 9 east, of 25 south, range 11 east, and township 24 south, range 10 east.	48 01 41	458 73 88	5,262 00	5,242 61	5,262 00	Do.
337	Aug. 25	William P. Wright ...	Subdivisions of township 30 south, range 15 west, Willamette meridian, Oregon.	.....	16 41 99	175 00	173 29	175 00	Do.
338	Sept. 10	H. C. Perkins .....	Exteriors and subdivisions of townships 26 south, ranges 29, 30, 31, and 32 east, and township 27 south, range 30 east, and the subdivisions of townships 25 south, ranges 29, 30, 31, and 32 east, Willamette meridian, Oregon.	22 13 75	435 44 74	2,988 00	2,881 26	2,988 00	Do.
339	Sept. 17	William H. Odell.....	Exteriors of township 13 south, range 18 east, with subdivisions of townships 13 south, ranges 17, 18, and 19 east, and subdivisions of townships 14 and 15 south, range 20 east, Willamette meridian, Oregon.	5 69 75	179 26 33	3,084 00	1,793 25	3,084 00	Deputy still in the field.
340	Sept. 26	George S. Pershin ....	Subdivisions of fractional township 3 north, range 37 east, Willamette meridian, Oregon.	.....	30 03 85	300 00	300 00	300 00	Completed.
341	Oct. 4	William P. Wright ...	Exteriors and subdivisions of township 23 south, range 12 west, Willamette meridian, Oregon.	4 68 00	54 04 96	684 00	608 52	684 00	Work done in field, but account not adjusted.
342	Oct. 6	William Thiel .....	Subdivisions of township 21 south, range 10 west, Willamette meridian, Oregon.	.....	15 02 52	160 00	145 31	160 00	Completed.
343	Nov. 8	Levi C. Walker .....	Exteriors and subdivisions of township 9 south, range 13 east, Willamette meridian, Oregon.	6 50 85	32 53 05	280 00	280 00	280 00	Do.



C.—Statement of surveying contracts made under special deposits for the fiscal year ending June 30, 1880—Continued.

No. of contract.	Date.	Name of deputy.	Location and character of work.	Amount surveyed.		Estimated amount of contract.	Amount paid on contract.	Amount deposited for field work.	Remarks.
				Exteriors.	Subdivisions.				
344	1879. Nov. 24	Meldrum, Moore & Campbell.	Exteriors of townships 16 south, ranges 13 and 14 east; of townships 17 and 18 south, ranges 14 and 15 east; of townships 19 and 20 south, ranges 12, 13, 14, and 15 east; of townships 21, 22, 23, 24, 25, and 26 south, ranges 13 and 14 east, with subdivisions of all townships named, and also those of township 16 south, range 15 east, Willamette meridian.	M. C. L. .....	M. C. L. .....	\$14, 812 00	.....	\$14, 812 00	Deputies in field.
345	Nov. 24	Thompson, Meldrum & Moore.	Exteriors and subdivisions of townships 21, 22, 23, and 24 south, range 12 east; of townships 23, 24, 25, 26, and 27 south, range 11 east; of townships 17, 18, 19, 26, and 27 south, range 10 east; of townships 20, 21, 26, and 27 south, range 9 east, and the subdivisions of townships 25 and 26 south, range 12 east, Willamette meridian, Oregon.	.....	.....	14, 240 00	.....	14, 240 00	Do.
346	Nov. 25	George S. Pershin ....	Exteriors and subdivisions of townships 3 north, ranges 17 and 18 east, Willamette meridian, Oregon.	9 61 38	55 08 68	322 00	\$322 00	322 00	Completed.
347	1880. Jan. 8	Alonzo Gesner.....	Exteriors and subdivisions of townships 3, 4, and 5 south, range 14 east; townships 3, 5, and 6 south, range 15 east, and townships 22, 23, and 24 south, range 25 east, and also the subdivisions of townships 15 south, ranges 21 and 22 east, and of township 12 south, range 19 east, Willamette meridian, Oregon.	.....	.....	5, 974 00	.....	5, 974 00	Deputy in field.
348	Jan. 22	Odell & Currin.....	Exteriors and subdivisions of townships 7 and 8 south, range 14 east; of 7 south, range 15 east; of 23 south, ranges 22 and 23 east; of 24 south, ranges 22, 23, and 24 east; of 20 south, range 27 east; of 19 and 20 south, range 28 east; of 19, 20, and 21 south, range 29 east, and of 19 south, range 30 east, with the subdivisions of township 10 south, range 13 east, 8 south, range 15 east, 23 south, range 21 east, and 22 south, range 27 east, Willamette meridian, Oregon.	.....	.....	10, 541 00	.....	10, 541 00	Do.



349	Mar. 11	H. C. Perkins .....	Subdivisions of township 24 south, range 32 east, Willamette meridian.	.....	15 41 54	105 00	93 11	105 00	Completed.
350	May 10	A. H. Cleveland .....	Exteriors and subdivisions of township 41 south, range 13 west, Willamette meridian.	.....	.....	42 00	.....	42 00	Deputy in field.
351	May 11	D. W. Applegate .....	Subdivisions of township 21 south, range 5 west, Willamette meridian, Oregon.	.....	1 01 43	10 00	10 00	10 00	Completed.
352	May 12	Gradon & Henderson ..	Exteriors and subdivisions of townships 2, 3, and 4 south, range 20 east; of townships 4 south, ranges 19 and 21 east; of townships 5 and 6 south, ranges 18 and 19 east; of townships 7 and 8 south, ranges 20 and 22 east; of townships 8 south, ranges 19 and 21 east, and also the subdivisions of townships 6 south, ranges 20 and 22 east, Willamette meridian, Oregon.	.....	.....	8,568 00	.....	8,568 00	Deputies in field.
353	May 22	George S. Pershin ....	Subdivisions and meanders of township 2 north, range 18 east, and of township 3 north, range 19 east, Willamette meridian, Oregon.	.....	.....	234 00	.....	234 00	Work returned, but not platted.
354	June 14	John W. Meldrum ....	Exteriors and subdivisions of township 31 south, range 32 east, and subdivisions of townships 32 south, ranges 32 and 32½ east, Willamette meridian, Oregon.	.....	.....	1,146 00	.....	1,146 00	Deputy in field.
355	June 14	W. B. Barr .....	Exteriors of township 3 south, range 40 east, with the subdivisions of townships 8 and 9 south, range 45 east; of township 7 south, range 42 east, and of township 3 south, range 40 east, Willamette meridian, Oregon.	.....	.....	2,156 00	.....	2,156 00	Do.
Total .....				98 06 82	1,412 62 85	.....	.....	.....	
Total number of miles surveyed .....				.....	1,510 69 67	.....	.....	.....	
Total estimated amount of contracts .....				.....	.....	72,083 00	.....	.....	
Total amount returned and paid .....				.....	.....	.....	12,719 33	.....	
Total amount deposited for field work .....				.....	.....	.....	.....	71,953 00	

PORTLAND, OREG., *August*, 1880.JAMES C. TOLMAN,  
*Surveyor General, Oregon.*



D.—Statement of special deposits for office work in survey of mining claims in Oregon for fiscal year ending June 30, 1880.

Name of surveyor.	Name of depositor.	Date of deposit.	Name of mine.	Location of mine.	Amount deposited for office work.	No. of plats made.			Transcripts of field notes.	Remarks.
						Original.	Register.	Claimant.		
Charles M. Foster .....	A. J. Weatherby and H. B. Frans.	July 18, 1879	Weatherby & Co. mine ...	Baker County, Oregon ....	\$25 00	1	1	2	1	Completed.
Do.....	Jones & Carpenter.....	Aug. 30, 1879	Never Sweat.....	do .....	25 00	1	1	2	1	Do.
George Knisely .....	Josiah Scholes .....	Nov. 15, 1879	Scholes's placer mine ....	Grant County, Oregon ...	25 00	1	1	2	1	Do.
John Fitzhugh .....	William McMann.....	Dec. 5, 1879	Kalamazoo mine .....	Curry County, Oregon ....	25 00	1	1	2	1	Do.
George Knisely.....	Milton Stevens .....	Jan. 14, 1880	Stevens's placer mine ....	Grant County, Oregon ...	25 00	1	1	2	1	Do.
Charles M. Foster .....	Fred. Ruhnke .....	Mar. 8, 1880	Gold Hill quartz mine ....	do .....	25 00	1	1	2	1	Do.
Total amount deposited .....					150 00	.....	.....	.....	.....	
Number of plats made .....					.....	6	6	12	.....	
Total number of plats made.....					.....	.....	.....	24	.....	
Number of transcripts of field notes.....					.....	.....	.....	.....	6	

PORTLAND, OREG., August, 1880.

JAMES C. TOLMAN,  
Surveyor General.



E.—Statement of original plats of surveys made and copies thereof transmitted since June 30, 1879.

Number of contract.	Name of deputy.	Lines.	Township.	Range.	Number plats made.				Number of acres in survey.	Character of contract.
					Original.	Sent to General Land Office.	Sent to register.	Total.		
292	W. H. Byars .....	Exteriors .....	24 south .....	8, 9, and 10 west .....	1	1		2	21, 070. 62	Appropriation.
		Subdivisions .....	23 and 24 south .....	9 and 10 west .....	3	3	3	9		Do.
294	W. B. Barr .....	3d standard parallel so	uth through east $\frac{1}{2}$ of range 3 ea	st .....	1	1		2	40, 466. 75	Do.
		Exteriors .....	13 south .....	2 and 3 east .....	1	1		2		Do.
		Subdivisions .....	do .....	do .....	2	2	2	6		Do.
298	C. B. Watson .....	Exteriors .....	32, 33, 34, and 35 south .....	30, 31, and 32 east .....	1	1		2		Do.
		do .....	37 and 38 south .....	17, 18, and 19 east .....	1	1		2		Do.
300	George Mercer .....	3d standard parallel so	uth through ranges 10, 11, and 12	west .....	1	1		2	8, 046. 15	Do.
		Exteriors .....	14, 15, 16, and 17 south .....	12 west .....	1	1		2		Do.
		Subdivisions .....	14 south .....	do .....	1	1	1	3		Do.
		Exteriors .....	13, 14, and 15 south .....	11 and 12 west .....	2	2		4		Do.
301	Henry Meldrum .....	do .....	4 and 5 south .....	9, 10 and 11 west .....	1	1		2	27, 314. 66	Do.
		Subdivisions .....	4 south .....	do .....	3	3	3	9		Do.
306	James S. Howard .....	do .....	39 south .....	3 west .....	1	1	1	3	1, 120. 00	Special deposit.
308	E. A. Thatcher .....	Exteriors .....	5, 6, and 7 south .....	22 and 23 east .....	1	1		2	72, 432. 09	Appropriation.
		Subdivisions .....	do .....	do .....	4	4	4	12		Do.
309	Aaron F. York .....	Exteriors .....	7 and 8 south .....	24, 25, 26, and 27 east .....	1	1		2	68, 993. 82	Do.
		Subdivisions .....	do .....	do .....	3	3	3	9		Do.
320	Thatcher & McCor-	Exteriors .....	4 and 5 south .....	41 east .....	1	1		2	68, 537. 76	Do.
	nack.	Subdivisions .....	4, 5, 9, and 10 south .....	39 and 41 east .....	8	8	8	24		Do.
321	William Thiel .....	do .....	22 south .....	4 west .....		1	1	2	800. 00	Special deposit.
322	W. N. Saunders .....	do .....	40 south .....	7 west .....		1	1	2	1, 598. 01	Do.
323	W. H. Byars .....	do .....	22 south .....	12 west .....		1	1	2	640. 00	Do.
324	William P. Wright .....	Exteriors .....	30 south .....	11, 12, and 14 west .....	1	1		2	41, 287. 01	Appropriation.
		Subdivisions .....	do .....	do .....	3	3	3	9		Do.
325	E. A. Thatcher .....	1st standard parallel so	uth through ranges 25 and 26 ea	st .....	1	1		2	92, 253. 35	Do.
		2d standard parallel so	uth through ranges 25, 26, 27, and	28 east .....	1	1		2		Do.
		Exteriors .....	4, 5, and 10 south .....	22, 23, 26, 27, and 28 east .....	1	1		2		Do.
		Subdivisions .....	4 and 5 south .....	22, 23, 25, and 26 east .....	4	4	4	12		Do.
326	Candle & Brand .....	do .....	2 and 3 north .....	4, 5, and 6 west .....	4	4	4	12	13, 816. 64	Do.
		do .....	2 south .....	6 west .....	1	1	1	3		Do.
328	McKenzie & Eckelson.	7th standard parallel so	uth through ranges 2, 3, and 4 w	est .....	1	1		2	13, 286. 23	Do.
		Exteriors .....	33, 40, and 41 south .....	1, 2, 3, and 4 west .....	2	2		4		Do.
		do .....	36 and 37 south .....	19 east .....	1	1		2		Do.
		Subdivisions .....	33 south .....	2 west .....	1	1	1	3		Do.
		do .....	36 and 37 south .....	19 east .....	2	2	2	6		Do.



## E.—Statement of original plats of surveys made and copies thereof transmitted since June 30, 1879—Continued.

Number of contract.	Name of deputy.	Lines.	Township.	Range.	Number plats made.				Number of acres in survey.	Character of contract.
					Original.	Sent to General Land Office.	Sent to register.	Total.		
329	Byars & Gray	Exteriors	40 and 41 south	21, 22, 23, 24, 25, and 26 east	1	1	1	3	121, 173. 73	Appropriation.
		Subdivisions	do	21, 22, 23, 24 and 25 east	8	8	8	24		Do.
330	W. B. Barr	Exteriors	18 south	10 and 11 west	1	1		2	18, 968. 92	Do.
		Subdivisions	do	do	2	2	2	6		Do.
332	George S. Pershin	Exteriors	3 south	30½ east	1	1		2	82, 098. 24	Special deposit.
		Subdivisions	3 south and 4 north	30 and 37 east	2	2	2	6		Do.
333	John Fitzhugh	do	35 south	14 west		1	1	2	22, 989. 77	Do.
334	Henry Meldrum	Exteriors	25 and 28 south	9, 10, and 11 east	1	1		2	195, 649. 78	Do.
		Subdivisions	24, 25, 28, and 29 south	do	9	9	9	27		Do.
335	A. F. York	Exteriors	9 south	26, 27, and 28 east	1	1		2	80, 447. 55	Appropriation.
		Subdivisions	9 and 10 south	do	6	6	6	18		Do.
336	Alonzo Gesner	2d standard parallel so	uth through ranges 2, 3, and 4 e	ast	1	1		2	22, 961. 42	Do.
		Exteriors	9 south and 4 north	4 and 10 east	2	2		4		Do.
		Subdivisions	1 north	10 east	1	1	1	3		Do.
337	W. P. Wright	do	30 south	15 west	1	1	1	3	5, 993. 80	Special deposit.
338	H. C. Perkins	Exteriors	26 and 27 south	29, 30, and 31 east	1	1		2		Do.
		Subdivisions	25, 26, and 27 south	29, 30, 31, and 32 east	9	9	9	27	201, 099. 33	Do.
339	W. H. Odell	Exteriors	13 south	18 east	1	1		2	182, 350. 25	Do.
		Subdivisions	13, 14, and 15 south	18, 19, and 20 east	3	3	3	9		Do.
340	George S. Pershin	do	3 north	37 east	1	1	1	3	11, 199. 89	Do.
341	W. P. Wright	Exteriors	23 south	12 west	1	1		2	18, 564. 61	Do.
		Subdivisions	do	do	1	1	1	3		Do.
342	William Thiel	do	20 and 21 south	10 and 11 west	2	2	2	6	2, 080. 00	Do.
343	Levi C. Walker	Exteriors and subdivi-	9 south	13 east	2	2	1	5	10, 304. 73	Do.
		sions.								
346	George S. Pershin	do	3 north	17 and 18 east	3	3	2	8	16, 263. 11	Do.
349	H. C. Perkins	Subdivisions	24 south	32 east	1	1	1	3	5, 452. 00	Do.
			Total number plats made					344		
			Total number acres surveyed						1,468,160.22	

In addition to the above, this office has constructed and transmitted to the local land office at Roseburg sixteen township plats, to replace that number which had been defaced and rendered illegible by long use; which would swell the total aggregate of plats made to 360. It has also prepared and transmitted (to local land offices and Commissioner) about 40 special plats.

JAMES C. TOLMAN, *Surveyor General.*



F.—Statement showing amounts deposited and expended for surveys under special deposit law, for fiscal year ending June 30, 1880.

Date of deposit.	Name of depositor.	Debtor.		Character of survey.
		For field work.	For office work.	
1879.				
July 18	Weatherby & Trans .....		\$25 00	Mining claim.
29	W. H. Robinson .....	\$175 00	25 00	Public survey.
29	W. H. Simon .....	200 00	-----	Do.
29	M. L. Peterson .....	85 00	15 00	Do.
29	Osius Owens .....	200 00	-----	Do.
29	Emma S. Sickles .....	60 00	25 00	Do.
29	J. B. Chamberlain .....	100 00	-----	Do.
31	F. O. Vonder Green .....	37 50	-----	Do.
31	William McMann .....	12 50	25 00	Do.
Aug. 1	A. J. Marshall .....	768 00	25 00	Do.
1	H. W. Fries .....	768 00	25 00	Do.
1	John Welch .....	768 00	25 00	Do.
1	R. M. Dement .....	684 00	25 00	Do.
1	D. P. Thompson .....	600 00	25 00	Do.
1	Herman Kettler .....	330 00	25 00	Do.
1	J. L. Atkinson .....	330 00	25 00	Do.
1	D. W. Wakefield .....	414 00	25 00	Do.
1	William Showers .....	600 00	25 00	Do.
21	W. S. Canan .....	175 00	25 00	Do.
30	Jones & Carpenter .....	-----	25 00	Mining claim.
Sept. 2	B. H. Roach .....	303 00	25 00	Public survey.
2	T. C. Judkins .....	231 00	25 00	Do.
2	George Dorris .....	201 00	25 00	Do.
2	Joseph Perkins .....	381 00	25 00	Do.
2	T. T. Roach .....	444 00	25 00	Do.
2	H. C. Humphrey .....	360 00	25 00	Do.
2	W. H. Alexander .....	360 00	25 00	Do.
2	R. H. Mulhollan .....	360 00	25 00	Do.
2	James Blew .....	348 00	25 00	Do.
8	S. B. Eakin, jr. ....	684 00	25 00	Do.
8	John A. Stowell .....	600 00	25 00	Do.
8	A. W. Stowell .....	600 00	25 00	Do.
8	George W. Thurston .....	600 00	25 00	Do.
8	W. R. McCornack .....	600 00	25 00	Do.
25	W. B. Marye .....	200 00	-----	Do.
Oct. 25	R. H. Austin .....	100 00	20 00	Do.
1	John T. Wright .....	684 00	40 00	Do.
3	Robert Wade .....	90 00	25 00	Do.
3	J. H. Butler .....	70 00	25 00	Do.
Nov. 4	C. H. Walker .....	280 00	25 00	Do.
15	Josiah Scholes .....	-----	25 00	Mining claim.
22	J. W. McL. Harvey .....	181 00	25 00	Public survey.
22	W. J. Dyer .....	141 00	25 00	Do.
19	H. W. Fries .....	444 00	25 00	Do.
19	S. L. Pope .....	444 00	25 00	Do.
19	R. Hollabaugh .....	486 00	25 00	Do.
19	J. L. Champlin .....	486 00	25 00	Do.
19	E. Oldendorf .....	486 00	25 00	Do.
19	Jos. Paquet .....	444 00	25 00	Do.
19	L. Ackerman .....	684 00	25 00	Do.
19	J. M. Frazer .....	768 00	25 00	Do.
19	W. S. Newbury .....	768 00	25 00	Do.
19	J. C. Hawthorne .....	768 00	25 00	Do.
19	A. J. Marshall .....	768 00	25 00	Do.
19	E. A. Bothwick .....	684 00	25 00	Do.
19	Alexander Mayer .....	444 00	25 00	Do.
19	H. S. Harding .....	444 00	25 00	Do.
19	George C. Sears .....	768 00	25 00	Do.
19	A. H. Johnson .....	642 00	25 00	Do.
19	Henry Wax .....	402 00	25 00	Do.
19	N. W. Randall .....	402 00	25 00	Do.
19	W. Showers .....	684 00	25 00	Do.
19	C. W. Coulter .....	712 00	25 00	Do.
19	J. M. Bacon .....	402 00	25 00	Do.
19	J. G. Pilsbury .....	402 00	25 00	Do.
19	John Welch .....	402 00	25 00	Do.
19	M. C. Athey .....	444 00	25 00	Do.
19	H. E. Cross .....	600 00	25 00	Do.
19	W. H. H. Fouts .....	432 00	25 00	Do.
19	Charles Albright, jr. ....	402 00	25 00	Do.
19	J. E. Smith .....	684 00	25 00	Do.
19	E. Stanborough .....	684 00	25 00	Do.
19	Scollay Parker .....	684 00	25 00	Do.
19	T. R. Fields .....	852 00	25 00	Do.
19	George A. Harding .....	768 00	25 00	Do.
19	F. M. Albright .....	768 00	25 00	Do.



F.—Statement showing amounts deposited and expended, &amp;c.—Continued.

Date of deposit.	Name of depositor.	Debtor.		Character of survey.
		For field work.	For office work.	
1879.				
Nov. 19	Charles Sweeney .....	\$684 00	\$25 00	Public survey.
19	M. F. Spencer .....	684 00	25 00	Do.
19	Thomas Charman .....	600 00	25 00	Do.
19	Fred. Charman .....	600 00	25 00	Do.
19	William Underhill .....	768 00	25 00	Do.
19	J. L. Atkinson .....	628 00	25 00	Do.
19	D. B. Roach, jr .....	768 00	25 00	Do.
19	George L. Story .....	628 00	25 00	Do.
19	D. W. Wakefield .....	684 00	25 00	Do.
19	Julius Galland .....	684 00	25 00	Do.
19	Fred H. Saylor .....	768 00	25 00	Do.
19	D. C. McKercher .....	768 00	25 00	Do.
19	W. L. Curry .....	768 00	25 00	Do.
19	William H. Cone .....	768 00	25 00	Do.
Dec. 5	William McMann .....	-----	25 00	Mining claim.
1880.				
Jan. 7	L. A. Savage .....	525 00	25 00	Public survey.
7	John Earl .....	462 00	25 00	Do.
7	Warner Brayman .....	462 00	25 00	Do.
7	J. W. Crawford .....	497 00	25 00	Do.
7	J. W. Gesner .....	402 00	25 00	Do.
7	John Campbell .....	444 00	25 00	Do.
7	R. A. Gesner .....	600 00	25 00	Do.
7	John Reynolds .....	600 00	25 00	Do.
7	J. A. Stratton .....	540 00	25 00	Do.
7	W. L. Wade .....	596 00	25 00	Do.
7	O. F. Dennis .....	444 00	25 00	Do.
7	W. B. Culver .....	402 00	25 00	Do.
14	Milton Stevens .....	-----	25 00	Mining claim.
15	T. G. Hendricks .....	395 00	25 00	Public survey.
15	P. Comegys .....	370 00	25 00	Do.
15	N. L. Packard .....	402 00	25 00	Do.
15	L. G. Adair .....	402 00	25 00	Do.
15	J. M. Thompson .....	402 00	25 00	Do.
15	E. P. Coleman .....	444 00	25 00	Do.
15	T. W. Harris .....	444 00	25 00	Do.
15	N. T. Aubrey .....	402 00	25 00	Do.
15	J. G. Gray .....	684 00	25 00	Do.
15	F. B. Dunn .....	768 00	25 00	Do.
15	R. G. Callison .....	768 00	25 00	Do.
15	J. A. Winter .....	768 00	25 00	Do.
15	Horace Knox .....	768 00	25 00	Do.
15	Joel McCornack .....	740 00	25 00	Do.
15	J. W. Christian .....	852 00	25 00	Do.
15	Wesley Shannon .....	360 00	25 00	Do.
15	R. S. Bean .....	360 00	25 00	Do.
15	J. E. Church .....	360 00	25 00	Do.
15	Rodney Scott .....	600 00	25 00	Do.
15	T. C. Bell .....	252 00	25 00	Do.
Mar. 8	Fred Ruhnke .....	-----	25 00	Mining claim.
11	B. H. Roach .....	105 00	25 00	Public survey.
Apr. 21	James White .....	42 00	25 00	Do.
May 7	J. G. Lane .....	10 00	15 00	Do.
12	C. A. Hungate .....	95 00	-----	Do.
12	J. F. Crop .....	73 00	25 00	Do.
12	Z. F. Phillips .....	45 00	-----	Do.
12	M. A. Weatherman .....	21 00	25 00	Do.
10	William Frickey .....	402 00	40 00	Do.
10	I. D. Titus .....	444 00	40 00	Do.
10	R. S. Thompson .....	402 00	40 00	Do.
10	J. C. Reasoner .....	656 00	40 00	Do.
10	W. S. Thompson .....	402 00	40 00	Do.
10	Loui Manning .....	604 00	40 00	Do.
10	R. Hamilton .....	444 00	40 00	Do.
10	E. W. Sanderson .....	360 00	40 00	Do.
10	D. S. Johnson .....	600 00	40 00	Do.
10	J. A. W. Scoggin .....	768 00	40 00	Do.
10	M. L. Armstrong .....	684 00	40 00	Do.
10	J. M. Armstrong .....	768 00	40 00	Do.
10	S. C. Reed .....	444 00	40 00	Do.
10	P. McKelvey .....	402 00	40 00	Do.
10	D. A. Beezley .....	444 00	40 00	Do.
10	T. S. Lamberson .....	342 00	40 00	Do.
10	A. Morasei .....	402 00	40 00	Do.
31	A. W. Smith .....	380 00	40 00	Do.
31	J. J. Hallett .....	442 00	40 00	Do.
31	Peter French .....	324 00	40 00	Do.



## F.—Statement showing amounts deposited and expended, &amp;c.—Continued.

Date of deposit.	Name of depositor.	Debtor.		Character of survey.
		For field work.	For office work.	
1880.				
June 9	Joseph Beeck.....	\$600 00	\$40 00	Public survey.
9	Jacob Conner.....	188 00	30 00	Do.
9	G. C. Holcomb.....	600 00	40 00	Do.
9	J. E. Cospe.....	768 00	40 00	Do.
17	Moses A. Riddle.....	130 00	25 00	Do.
	Total deposit for field work.....	71,953 00	.....	
	Total deposit for office work.....	.....	4,090 00	

## STATEMENT OF SPECIAL DEPOSIT EXPENDITURES.

Date of payment.	To whom paid.	CR.	Date of payment.	To whom paid.	CR.
		For field work.			For office work.
Oct. 23, 1879	George S. Pershin.....	\$820 00	Dec. 10, 1879	M. McCabe.....	\$25 00
Dec. 17, 1879	John Fitzhugh.....	49 97	Dec. 10, 1879	..... do .....	65 00
Nov. 26, 1879	Henry Meldrum.....	5,242 61	Dec. 17, 1879	..... do .....	25 00
June 16, 1880	William P. Wright.....	173 29	Dec. 10, 1879	..... do .....	75 00
Mar. 25, 1880	H. C. Perkins.....	2,881 26	Dec. 10, 1879	H. Tolman.....	75 00
Dec. 26, 1879	W. H. Odell.....	1,856 00	Dec. 10, 1879	J. Stowell.....	75 00
Jan. 10, 1880	George S. Pershin.....	300 00	June 16, 1880	R. G. Smith.....	25 00
Mar. 26, 1880	William Thiel.....	145 31	Dec. 10, 1879	M. McCabe.....	25 00
Jan. 26, 1880	Levi C. Walker.....	280 00	Mar. 25, 1880	..... do .....	115 00
May 3, 1880	George S. Pershin.....	322 00	Mar. 25, 1880	J. Stowell.....	110 00
May 3, 1880	H. C. Perkins.....	93 11	Feb. 28, 1880	M. McCabe.....	35 00
			Feb. 28, 1880	J. Stowell.....	40 00
			Mar. 26, 1880	M McCabe.....	50 00
			Feb. 16, 1880	..... do .....	25 00
			May 3, 1880	..... do .....	50 00
			May 15, 1880	..... do .....	25 00
			May 3, 1880	..... do .....	25 00
	Total field work ..	12,163 55		Total office work.	865 00

JAMES C. TOLMAN,  
Surveyor General, Oregon.

PORTLAND, OREG., August, 1880.



G.—Statement of appropriation and expenditures for surveyor general of Oregon and clerks in his office for the fiscal year ending June 30, 1880.

DR.			CR.		
Date.	Amount of appropriation.	Amount.	Date.	How expended.	Amount.
1879. July 1	To amount of appropriation for the fiscal year ending June 30, 1880.....	\$7,000 00	1879. Sept. 30	By amount paid the surveyor general and clerks in his office, as per vouchers rendered, for quarter ending September 30, 1879 .....	\$1,725 00
			Dec. 31	By amount paid the surveyor general and clerks in his office, as per vouchers rendered, for quarter ending December 31, 1879 .....	1,725 00
			1880. Mar. 31	By amount paid the surveyor general and clerks in his office, as per vouchers rendered, for quarter ending March 31, 1880 .....	1,797 60
			June 30	By amount paid the surveyor general and clerks in his office, as per vouchers rendered, for quarter ending June 30, 1880 .....	1,751 37
	By amount expended.....	6,998 97			6,998 97
	By balance returned to Treasury .....	1 03		By balance returned to Treasury .....	1 03
	Total .....	7,000 00		Total .....	7,000 00

JAMES C. TOLMAN,  
Surveyor General.

PORTLAND, OREG., August, 1880.

H.—Statement of appropriation and expenditures for incidental expenses of office of surveyor general for fiscal year ending June 30, 1880.

DR.			CR.		
Date.	Appropriation.	Amount.	Date.	Disbursements.	Amount.
1879. July 1	To amount of appropriation for incidental expenses of office of surveyor general of Oregon, including pay of messenger, at \$600 per annum .....	\$1,500 00	1879. Sept. 30	By amount of disbursements in the quarter ending September 30, 1879, as per accounts and vouchers rendered .....	\$201 60
			Dec. 31	By amount of disbursements in the quarter ending December 31, 1879, as per accounts and vouchers rendered .....	311 87
			1880. Mar. 31	By amount of disbursements in the quarter ending March 31, 1880, as per accounts and vouchers rendered .....	204 28
			June 30	By amount of disbursements in the quarter ending June 30, 1880, as per accounts and vouchers rendered....	391 31
				Total amount of disbursements .....	1,109 06
				Balance returned to Treasury .....	390 94
	Total .....	1,500 00		Total .....	1,500 00

JAMES C. TOLMAN,  
Surveyor General.

PORTLAND, OREG., August, 1880.



I.—*Estimate of funds required for the surveying service in Oregon for fiscal year ending June 30, 1880.*

## FOR SURVEYS.

For running, measuring, and marking the following lines in the unsurveyed districts of Oregon :

For 464 miles of standard lines in mountainous or heavily timbered regions, and in districts covered with dense brush or fallen timber, at \$18 per mile.....	\$8,352 00
For 174 miles of standard lines in prairie, or open, level lands, at \$12 per mile.....	3,088 00
For 432 miles of exterior lines in mountainous or heavily timbered regions, and in districts covered with dense brush or fallen timber, at \$15 per mile.....	6,480 00
For 288 miles of exterior lines in prairie, or open, level lands, at \$10 per mile.....	2,880 00
For 2,160 miles of subdivisional lines in mountainous or heavily timbered regions, and in districts covered with dense brush or fallen timber, at \$12 per mile.....	25,920 00
For 1,440 miles of subdivisional lines in prairie or open, level lands, at \$8 per mile.....	11,520 00
Total for surveys.....	57,240 00

## FOR OFFICE WORK.

For salary of surveyor general.....	\$2,500 00
For salary of chief clerk.....	1,800 00
For salary of draughtsman.....	1,500 00
For salary of transcribing clerk.....	1,200 00
Total for salaries.....	7,000 00

## FOR INCIDENTAL EXPENSES.

For pay of messenger, purchase of stationery, and incidental expenses of office.....	\$1,500 00
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JAMES C. TOLMAN,  
Surveyor General.

PORTLAND, OREG., August, 1880.

N.—*Report of the surveyor general of Utah.*

UNITED STATES SURVEYOR GENERAL'S OFFICE,  
Salt Lake City, Utah, August 28, 1880.

SIR: In compliance with your Circular E, of April 5, 1880, I have the honor to transmit herewith the annual report of this office with accompanying tabular statements in duplicate, of the surveying operations in this district for the fiscal year ending June 30, 1880.

A.—Statement showing condition of surveys of public lands under deposits made by individuals, contracted for, and returned during the fiscal year ending June 30, 1879, and approved during the fiscal year ending June 30, 1880.

B.—Statement showing condition of surveys of public lands under the regular appropriation, contracted for, returned, and approved during the year ending June 30, 1880.

C.—Statement showing condition of surveys of public lands under deposits made by individuals, contracted for, returned, and approved during the fiscal year ending June 30, 1880.

D.—Statement showing the number of townships, with character and extent of public surveys, and amount of area of public lands under deposits made by individuals, contracted for and returned during the fiscal year ending June 30, 1879, and approved during the fiscal year ending June 30, 1880.

E.—Statement showing the number of townships, with character and extent of public surveys, and amount of area of public lands under the regular appropriation, contracted for, returned, and approved during the fiscal year.



F.—Statement showing the number of townships, with character and extent of public surveys, and amount of area of public lands, under deposits made by individuals, contracted for, returned, and approved during the fiscal year ending June 30, 1880.

G.—Statement of approval of public surveys and transmission of copies of the same to the General Land Office and the district land office during the fiscal year ending June 30, 1880.

H.—Statement showing the number of linear miles run, the rate per mile, and the total cost of public surveys under deposits made by individuals, as returned in Utah during the fiscal year ending June 30, 1880.

I.—Statement showing the number of linear miles run, the rate per mile, and the total cost of public surveys under the regular appropriation, as returned in Utah during the fiscal year ending June 30, 1880.

J.—Recapitulation of total number of linear miles run, the rate per mile, and the total cost of public surveys, as returned in Utah during the fiscal year ending June 30, 1880.

K.—Statement showing number of acres of public lands surveyed in Utah Territory.

L.—Statement of work executed in the agricultural department during the fiscal year.

M.—Statement of office work in mineral department during the fiscal year.

N.—Statement of current office work during the fiscal year.

O.—Statement showing the mineral claims surveyed, by whom surveyed, date, and number of certificates of deposit for office work and stationery during the fiscal year ending June 30, 1880.

P.—Statement of special deposits of individuals for surveys of public lands in Utah during the fiscal year ending June 30, 1880.

Q.—Statement of account current of contingent expenses during the fiscal year ending June 30, 1880.

R.—Statement of account current of salary of surveyor general and clerks in his office during the fiscal year.

S.—Statement showing condition of special deposits made for office work and stationery on mineral and agricultural surveys during the fiscal year.

T.—Statement showing condition of special deposits for survey of public lands in Utah during the fiscal year.

U.—Statement of mineral products in Utah during the fiscal year.

V.—Statement showing the number of acres of land sold and otherwise disposed of at the local land office in Salt Lake City, Utah, during the fiscal year.

W.—Statement of estimate for surveying service in Utah for fiscal year ending June 30, 1882.

#### AGRICULTURAL SURVEYS.

There were three surveying contracts let under the appropriation of \$12,000 for surveys of public lands in Utah for the fiscal year ending June 30, 1880, viz: Contract No. 92, with Ferron & Buettner, for \$9,000; contract No. 93, with Joseph Gorlinski, for \$3,000, and contract No. 95, with A. D. Ferron, for \$815.28.

The accounts rendered under contract No. 92 were reduced by the department from \$9,000 to \$8,184.72, leaving a balance of \$815.28, which balance is covered by contract No. 95, it being an extension of contract No. 92. The work executed under contracts Nos. 93 and 95 was not returned in time to appear in this report.

The surveys executed under contract Nos. 92 and 95 embrace a portion of the lands lying east of the Uintah Indian Reservation, on Ashley's Fork and Grand River, containing many inhabitants and two towns.

The surveys under contract No. 93 consist chiefly of standard and guide meridians in the southwestern part of the Territory in the vicinity of Sevier Lake, which opens up that region for future subdivisional surveys.

The deputy reports many settlers on the third standard south, near the Nevada line, and he locates several fresh-water springs not heretofore known to exist. The two fractional townships which he subdivided can be irrigated by water from the Beaver and Sevier rivers.

The surveys executed by Adolphe Jessen under contract 91, of March 29, 1879, embracing the country known as the late San Pete Indian Reservation, were paid out of special deposits of individuals, and are returned in this report.

The surveys made under contract No. 94, of August 25, 1879, by the same deputy, were also paid out of the special deposits, and embraced the lands covered by the late Corn Creek Indian Reservation, and some additional surveys in other localities.

In addition to the meridian and standard lines, 41 townships and fractional townships have been returned and worked up during the year, the duplicate plats and transcripts thereof sent to the General Land Office, and the triplicate plats and descriptive lists of land, soil, timber, and corners filed in the Salt Lake land office, as per statement herewith, while the original plats and notes remain on file in this office.

The total cost of the field work of the surveys returned under the above-named



contracts was \$12,072.86, and office work \$5,900 (salaries and incidental expenses). The total area aggregates 423,344.87 acres, exclusive of mineral claims. The cost of surveying is therefore a little over 2.85 cents per acre.

The projection of the surveys on the map herewith will more fully show the extent, direction, and location of the work above mentioned.

The Central Pacific Railroad Company have recently asked for an estimate of the amount to be deposited to pay for the survey of several townships in the northwest corner of the Territory. The estimate has been made and I presume the necessary money for the survey will be deposited in a short time, after which I will enter into contract with some responsible deputy for the execution of the work in the field. I am reliably informed that it is the intention of the company to have all the unsurveyed land within their twenty-mile limits surveyed as soon as possible under the deposit system.

The total number of acres surveyed in this Territory since the inception of the public surveys in this district foots up 9,018,297.21 acres, as shown by the statement herewith.

I estimate that there still remains in the Territory 12,000,000 acres of surveyable public lands.

There is much complaint about the general loss or destruction of the public survey corners established in early days in certain localities in this Territory.

I am informed that the principal reason for this state of things is that the Mormons at that time disregarded such corners, plowed them up and destroyed them, and had their lands run off into five and ten acre lots, and the church authorities taught the people to adhere to the corners of such lots, instead of the corners of the public surveys.

I would therefore recommend that in such localities where corners have been destroyed throughout a whole township, the lands be resurveyed whenever the necessity of the case may require it.

Of late years stone corners have been the rule, which are much more permanent than posts. The cast-iron posts mentioned in your circular of instructions of June 26, 1880, would, I think, be even more permanent than stone if properly marked and set in the ground firmly. The cost per pound at the foundry in this city will average about 6 cents, and the cost of transportation to the fields of survey in Utah would average about 3 cents per pound, except in the region of country in the southeastern part of the Territory, east of the Colorado River, the cost of transportation, on account of the distance and the rocky roads, where the cost will be about double the above estimate, or 6 cents per pound.

#### MINERAL SURVEYS.

During the year there have been 238 mineral surveys returned, being an increase of 117 over last year, for which special deposits for office work and stationery have been made by individuals, amounting to \$7,957.

This fact alone clearly shows the ever increasing mining interests in Utah, aside from the statement of the Salt Lake Tribune, that the investment of capital in this Territory during the past year has been from \$10,000,000 to \$12,000,000.

The estimated value of the products from all the mines in Utah for the year is \$5,500,000. Many mining companies have been incorporated under the laws of Utah and some of the States, with stocks representing a nominal capital from \$1,000,000 to \$10,000,000.

The Ontario mine at Park City has nearly doubled its silver shipments during the last six months. The Horn silver mine in San Francisco mining district has been sold to Eastern capitalists for the handsome sum of \$6,900,000, and since the railroad has now been completed to 'Frisco, and new and expensive machinery been put in use, the proceeds from this mine may be expected to be very large.

The Empire Mining Company are expending large sums of money and labor in the development of their property in Uintah district, and are now erecting a sixty stamp mill.

The unusual severity and length of the winter has been unfavorable to mining operations, while the very deep snow and consequent surface water prevents operations in the lead mines to a great extent even to this day, so that most of the smelters had to stop for want of ore. This is not so in the case of milling ores; the proceeds thereof have been largely increased since my last report.

During the past fiscal year in the months of November and December, 1879, mineral surveys in West Mountain district became very numerous on account of gold discoveries in the so-called "Gold Belt," and conflicts therefore very frequent. Owing to connections of these surveys with different mineral monuments I found it impossible to construct a correct connected map of this mining district, or show the conflicts as they appeared by measurement in the field even, after differences growing out of variances of the chain or variation of the needle had been settled; I therefore



principally with the aid of clerks and draughtmen in my office, connected some of the mineral monuments by triangulation, and at the same time by the same means fixed the locus of the several surveys,

A map of this survey was sent to the General Land Office, and I have now to report that almost every mineral survey made after the triangulation survey has been connected with one or the other of the triangulation points, the same being nearer and more convenient than the original mineral monument. You, at the time, ordered the expenses of this survey to be paid, directing me, however, by your letter "E" of January 9, 1880, not to incur such expenses again except by special permission.

By my letter of June 8, 1880, I asked for permission to connect the several mineral monuments by triangulation in San Francisco, Ophir, Rush Valley, Blue Ledge, and Uintah mining districts, and was informed by you in your letter "E" of June 21, 1880, that "in cases where mining claims, situated upon unsurveyable public lands, cannot all be surveyed from the same mineral monument, trigonometrical surveys connecting the group are important and should be made, but there being no appropriation for payment for surveys of that class which could properly be drawn, I must for the present decline to authorize the work proposed by you. I have to say further, however, that estimates will be submitted to Congress, at its next session, providing for such surveys."

I hope that you will be successful, since this work is necessary to correctly plot and to keep a control of the mineral surveys. My estimate in my letter of June 24, 1880, is \$3,000 for this purpose.

Pursuant to your order "N," of December 22, 1879, to examine into the differences in the surveys of the Oxford, Geneva, and Daisy mining claims in Little Cottonwood mining district, I have to state that on the 17th instant and following days I made said examination, and that my report, with accompanying map, will be forwarded to your office at once.

I was delayed in making the examination by heavy snow in the mountains; the eastern part of the Daisy mining claim is still covered with deep snow. This examination and survey shows again the necessity of connecting the several mineral monuments and of establishing more and convenient permanent points of connection.

#### SALARY.

I beg leave to call your attention to the reduction of the salary of surveyors general from \$3,000 to \$2,750, and now to \$2,500 per annum, while the duties and responsibilities of the office are steadily increased, particularly in those surveying districts where mineral surveys are executed under the supervision of the surveyor general. It is obvious that these latter officers have much more work to do and a greater responsibility than those who have nothing or little to do with mineral surveys, and it would seem but justice that they should receive pay accordingly. The mineral surveys are made upon deposits of individuals and without aid from or cost to the government. I would therefore recommend and ask that the surveyors general be all allowed 10 per cent. of all deposits made for mineral surveys until the sum of \$500 is reached.

#### OFFICE WORK.

The amount of office work is shown in the tabular statements.

#### RAILROADS AND CANALS.

Since my last report the extension of the Utah Southern Railroad has been completed to Frisco, about 200 miles southwest of Salt Lake City.

A company is now organized to build a narrow-gauge railroad from Salt Lake City to Coalville, via Park City, a distance of 48 miles. Much of the road-bed is now graded, and will probably be completed during the next season. The main object of this road is to reduce the price of coal in this city.

The Union Pacific Railroad Company is building a branch line from Echo City to Park City, Utah, a distance of about 35 miles, right along side of the Utah Eastern line.

The Pleasant Valley Railroad Company have constructed within the last year a narrow-gauge railroad from Provo City to the Pleasant Valley coal mines, a distance of about 60 miles.

There is a company now constructing a narrow-gauge railroad from Salt Creek, in Juab County, to the town of Wales, in San Pete County, a distance of about 35 miles.

These roads will open up vast coal-fields of a quality suitable for coke, of which vast quantities are used by the smelters and reduction works, in reduction of silver and lead ores. The coke now used is imported from the East and from England, via San Francisco, at a heavy expense.

Salt Lake City has passed an ordinance to build a canal from Utah Lake to the city



at a cost of \$250,000, for the purpose of supplying the city with more water. The work is now under way and in charge of Jesse W. Fox, engineer. Utah Lake will be raised one foot, and thus furnish a sufficient supply of water. The area of this lake is 150 square miles. There is also a canal constructed on the west side of the Jordan Valley from Utah Lake, out of which water is used for irrigating many thousand acres of valuable land which would otherwise be useless.

## MAP.

The map filed herewith contains the projection of all the lines of the public surveys made up to date, with the new lines of constructed and projected railroads, and the boundaries of the three new counties, San Juan, Emery, and Uintah, created by the last territorial legislature along the eastern boundary of Utah.

## POPULATION.

The following report is taken from the Utah Commercial and from the returns of Arthur L. Thomas, census supervisor for Utah. Revised and complete census returns make the population of Utah 143,690, distributed by counties as follows :

Counties.	Popula- tion.	Counties.	Popula- tion.
Beaver.....	3,915	Salt Lake.....	31,700
Box Elder.....	6,780	San Juan.....	210
Cache.....	12,620	San Pete.....	11,700
Davis.....	5,350	Sevier.....	4,475
Emery.....	460	Summit.....	4,940
Iron.....	4,020	Tooele.....	4,530
Juab.....	3,510	Uintah.....	810
Kane.....	3,090	Utah.....	18,000
Millard.....	3,740	Wasatch.....	2,940
Morgan.....	1,780	Washington.....	4,240
Piute.....	1,230	Weber.....	12,380
Rich.....	1,270		

For the following calculations we shall for convenience use round numbers. Calling the total population 144,000 it shows an increase in ten years of 65 per cent. At the last April conference the total Mormon population was given in at 112,000 (exact, 111,820), which would leave, as the non-Mormon population of Utah, 32,000 (exact, 31,870).

Ten years ago the non-Mormon population of Utah could not possibly have exceeded 10,000. It is doubtful if it was half as much ; but calling it 10,000, so as not to deceive ourselves, the increase has been quite 200 per cent., while the increase in the Mormon population has been but 45 per cent.

The same ratio of increase would make the non-Mormons number 90,000 in 1890, and the Mormons 162,000 ; in 1990 it would make the non-Mormons 270,000, and the Mormons 235,000.

The following is a list of the cities and towns in Utah, with their population and the number of acres entered by each as a town site.

Name.	Popula- tion.	Number of acres.	Name.	Popula- tion.	Number of acres.
Kaysville.....		1,282.14	Fairfield.....		440.00
Farmington.....		960.00	Heber City.....	1,292	480.54
Alpine City.....		160.00	Walsburg.....	200	40.00
Springville.....	2,312	800.42	Greenville.....		280.00
Provo City.....	3,438	2,240.70	Minersville.....		280.00
American Fork.....	1,300	1,120.00	Holden.....		120.00
Bountiful.....		1,278.24	Oak City.....		160.13
Centerville.....		600.00	Fillmore City.....	975	1,120.00
Santaquin.....	681	480.00	Beaver City.....	1,451	1,280.00
Cedar Fort.....		599.40	Saint George.....	1,333	1,285.26
Ephraim City.....	1,698	640.00	Cedar City.....		320.00
Nephi.....		1,121.52	Tooele City.....	918	1,280.00
North Ogden.....		640.00	Hyrum City.....		640.00
Ogden.....	6,000	2,480.00	Richmond.....		840.00
Plain City.....		640.00	Smithfield.....		800.00
Pleasant Grove.....	1,780	640.00	Wellsville.....		1,160.00
Springtown.....	998	440.00	Millville.....		440.00
Fountain Green.....		319.78	Providence.....		640.00
Fair View.....	814	320.00	Hyde Park.....		640.00
Mount Pleasant.....	2,004	1,279.84	Manti.....	1,763	1,280.00



Name.	Popula- tion.	Number of acres.	Name.	Popula- tion.	Number of acres.
Logan City .....		2, 521. 50	Scipo .....		160. 00
Kanawah .....		200. 00	Salem .....		640. 00
Toquerville .....	384	240. 00	Richfield .....		640. 00
New Harmony .....		120. 00	Portage .....		160. 00
Mendon City .....		480. 00	Coalville .....	911	640. 00
Fayette .....		321. 62	Monroe .....		560. 00
Rockport .....		120. 00	Glenwood .....		520. 00
Hennerferville .....		320. 00	Glendale .....	172	120. 00
Salt Lake City .....	21, 000	5, 730. 45	Rockville .....		320. 00
Summit .....		80. 00	Virgin City .....		200. 00
Paragoonah .....	258	240. 00	Grafton .....		80. 00
Adamsville .....		160. 00	Kanab .....	394	640. 00
Harrisburg .....		120. 00	Mount Carmel .....		40. 00
Washington .....		400. 00	Duncan's Retreat .....		120. 00
Peva .....		280. 00	Pine Valley .....		240. 00
Draperville .....		280. 00	Salina .....		280. 00
Wales .....		320. 00	Elsinore .....		200. 00
Payson .....	1, 789	840. 00	Redmond .....		160. 00
Brigham City .....	1, 880	1, 640. 00	Paradise .....		640. 00
Willard City .....	403	728. 00	Clarkston .....		640. 00
Parowan .....	969	760. 00	Newton .....		480. 00
Corinne .....	278	168. 80	Lehi .....	1, 490	320. 00
Laketown (Ithica) .....		160. 00	Mendon .....		80. 00
Goshen .....	395	160. 00	Grantsville .....	1, 009	915. 61
Randolph .....	364	360. 00	Levan .....	395	240. 00
Huntsville .....		556. 93	Mono .....	400	160. 00
Bear River City .....		339. 50	Escalanta .....	358	.....
Honeyville .....		319. 98	Kanosh .....	306	.....
Spanish Fork .....	2, 309	840. 91	Gunnison .....	548	600. 00
Melton .....		80. 00	Stockton .....	250	.....
Croydon .....		320. 00	Bingham .....	1, 024	.....
Richville .....		160. 00	Silver Reef .....	1, 055	.....
Peterson .....		200. 00	Meadville .....	72	.....
Enterprise .....		200. 00	Garden City .....	122	.....
Porterville .....		440. 00	Orderville .....	514	.....
Morgan .....	433	960. 00	Midway .....	288	.....

FRD. SALOMON,  
*Surveyor General for Utah.*

Hon. J. A. WILLIAMSON,  
*Commissioner General Land Office, Washington, D. C.*



A.—Statement showing condition of surveys of public lands, under deposits made by individuals, contracted for and returned during the fiscal year ending June 30, 1879, and approved during the fiscal year ending June 30, 1880.

Deputy.	Contract.		Surveys.	Extent.	Cost.	Remarks.
	No.	Date.				
Adolphe Jessen....	91	1879. Mar. 29	Salt Lake principal meridian, from 4.59 chains south of corner to sections 25, 30, 31, and 36, township 20 south; between ranges 1 east and 1 west, north through townships 20 and 19 south, closing 19.90 chains east and 5.65 chains south of corner to sections 25, 30, 31, and 36, township 18 south of Salt Lake base line.	<i>M. chs. lks.</i> 11 77 84	\$119 73	The surveys contained in this contract, with exception of township 3 south, range 4 west, embrace the lands of the former "San Pete Indian Reservation," the original survey of which is represented in the official return of Joseph Clark, deputy surveyor, under contract No. 20, April 10, 1865, approved by John Pierce, surveyor general, Denver, August 20, 1866. Payable out of certificates of deposits dated March 26, 1879; No. 34, March 26, 1879; Nos. 37, 38, 39, and 40, August 11, 1879; No. 298; and August 13, 1879, Nos. 300 and 301. Amount ..... \$2, 297 34 Cost of field work ..... 2, 297 34
			Exterior boundaries: Fractional east boundary, township 18 south, range 1 east; resurvey of fractional south boundary, township 18 south, range 2 east; fractional north boundary, township 19 south, range 1 west; fractional north and the east boundary, township 19 south, range 1 east; fractional north boundary, township 19 south, range 2 east, and township 20 south, range 1 west; north boundary and fractional east boundary, township 20 south, range 1 east; fractional north boundary, township 20 south, range 2 east; and fractional south boundary, township 3 south, range 4 west of the Salt Lake meridian.	24 34 62	171 03	
			Ditto mountainous or timbered .....	15 49 50	218 66	
			Subdivisions: Additional in township 3 south, range 4 west; township 18 south, ranges 1 west and 1 and 2 east, and township 19 south, range 1 west; township 19 south, range 1 east; fractional township 19 south, range 2 east, and additional in township 20 south, ranges 1 west and 1 and 2 east of the Salt Lake meridian.	170 75 70	1, 025 68	
			Ditto mountainous or timbered .....	76 17 91	762 24	
			Total .....	299 15 57	2, 297 34	

FRD. SALOMON,  
Surveyor General of Utah.



B.—Statement showing condition of surveys of public lands, under the regular appropriation, contracted for, returned, and approved during the fiscal year ending June 30, 1880.

Deputy.	Contract.		Surveys.	Extent.	Cost.	Remarks.
	No.	Date.				
A. D. Ferron and E. Buettner.	92	1879. June 13	Ashley guide meridian, from the corner on Salt Lake base line, between ranges 22 and 23 east; north to corner to sections 13, 18, 19, and 24, in township 1 north; and Green River guide meridian, from the corner on second standard parallel south, between ranges 20 and 21 east; north through townships 10, 9, 8, 7, and 6 south of Salt Lake base line.	<i>Ms. chs. lks.</i> 7 14 10	\$71 76	This contract embraces the surveys of such standard, meridian, township, and section lines which include the "arable," "timber," and "coal lands" situated in that portion of Green River basin lying between the Salt Lake base line and the fifth standard parallel south, except such portions as are embraced in the Uintah Indian Reservation.
			Ditto mountainous or timbered .....	25 58 70	411 74	
			Standard lines, being the first standard parallel south, from the corner between ranges 23 and 24 east; east through ranges 24 and 25 east; and the second standard parallel south from the corner to sections 34 and 35, in range 18 east; east through ranges 18, 19, and 20 east of the Salt Lake meridian; all mountainous or timbered.	26 00 00	416 00	
			Exterior boundaries, being south boundary, township 1 south, ranges 23 and 25 east; fractional south and east boundaries, township 2 south, range 23 east; south and east boundary, township 2 south, range 24 east; north and fractional south and west boundary, with closings, in township 3 south, range 19 east; north, east, west, and fractional south boundary, township 3 south, range 20 east; north, west, and fractional south boundary, township 4 south, range 21 east; fractional west boundary, township 4 south, range 22 east; fractional north boundary, township 5 south, range 21 east; fractional west boundary, township 6 south, range 20 east; fractional east boundary, township 6 south, range 21 east; north and fractional west boundary, with closings, township 7 south, range 20 east; north and east boundary, township 7 south, range 21 east; fractional south and north boundaries, township 8 south, range 20 east; north, south, and east boundaries, township 8 south, range 21 east; west boundaries, township 9 south, ranges 19 and 20 east; west boundary, township 10 south, range 19 east; and north and west boundaries, township 10 south, range 20 east of the Salt Lake meridian.	43 58 10	306 08	
			Ditto mountainous or timbered .....	125 61 06	1,760 68	
			Subdivisions, being fractional surveys, in township 1 north, range 23 east; townships 1 and 2 south, ranges 23, 24, and 25 east; township 3 south, ranges 19 and 20 east; full township 4 south, range 21 east; fractional surveys, in township 4 south, range 22 east, and 5 south, range 21 east; full township 5 south, range 22 east; fractional township 6 south, ranges 20 and 21 east; full township 7 south, ranges 20 and 21 east; fractional township 8 south, range 20 east; full township 8 south, range 21 east; and fractional in township 10 south, range 18 east of the Salt Lake meridian.	485 42 04	2,907 15	
			Ditto mountainous or timbered .....	246 21 83	2,467 22	



			Meanders of Green River, in township 6 south, range 21 east, and townships 7 and 8 south, ranges 20 and 21 east of the Salt Lake meridian, all covered with undergrowth and timber.	71	74	13	719 27
			Total .....	1,032	09	96	9,059 90
				*2	10	47	875 18
				1,029	79	49	8,184 72
Joseph Gorlinski .....	93	June 3	.....				

Not returned up to June 30, 1880.  
Extension of time to finish the same of 30 days from said date, applied for and granted. (See deputy's letter of June 19, 1880, on file in surveyor general's office, and the surveyor general's letter of June 28, 1880, to the Commissioner of the General Land Office.)

\* See Commissioner's letters of March 8 and April 29, 1880, and amended account of April 20, 1880.

FRD. SALOMON,  
*Surveyor General for Utah.*



C.—Statement showing condition of surveys of public lands, under deposits made by individuals, contracted for, returned, and approved during the fiscal year ending June 30, 1880.

Deputy.	Contract.		Surveys.	Extent.	Cost.	Remarks.
	No.	Date.				
Adolphe Jessen..	94	Aug. 25, 1879	Exterior boundaries, resurvey, and survey of fractional west boundary township 3 south, range 3 west; fractional south boundary township 21 south, range 4 west; fractional east boundary township 21 south, range 5 west; fractional east boundary and closing township 21 south, range 6 west; north and east boundaries township 22 south, range 5 west; fractional north and the east boundaries township 22 south, range 6 west; north and fractional east boundary township 23 south, range 5 west; and the fractional north and east boundaries township 23 south, range 6 west of the Salt Lake meridian.	<i>M. chs. lks.</i> 28 42 65	\$199 73	The surveys contained in this contract, with exception of township 6 north, range 1 west, township 3 south, range 3 west, township 4 south, range 4 west, and township 12 south, range 1 east, embrace the arable lands of the former "Corn Creek Indian Reservation," the original survey of which is represented in the official return of Joseph Clark, deputy surveyor, under contract No. 20, April 10, 1865, approved by John Pierce, surveyor general, Denver, January 1, 1867.  Payable out of certificates of deposits dated June 30, 1879, No. 205; August 19, 1879, Nos. 325, 326, 327, 328, 329, 330, 332, 334, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, and 386; and August 25, 1879, No. 439.  Amount..... \$1,560 00  Cost of field work..... 1,638 58 Account of August 25, 1879, reduced by Commissioner's letter of November 15, 1879. 47 78  1,590 80 Amount of contract..... 1,560 00  Not returned up to June 30, 1880. This contract is a continuation of contract No. 92 to make up the deficiency caused by                   tion of said contract.
			Ditto mountainous or timbered .....	11 07 00	155 22	
			Subdivisions: Additional and resurvey in township 6 north, range 1 west; township 3 south, range 3 west; *township 4 south, range 4 west; township 12 south, range 1 east; additional and closings in township 21 south, ranges 4, 5, and 6 west; fractional in township 22 south, range 4 west; full survey in township 22 south, range 5 west; additional in township 22 south, range 6 west; and township 23 south, ranges 5 and 6 west of the Salt Lake meridian.	131 43 20	789 23	
			Ditto mountainous or timbered .....	49 35 21	494 40	
			Total.....	220 48 06	1,638 58	
			*Canceled by Commissioner's letter of November 15, 1879 .....	5 50 00	47 78	
			Total.....	214 78 06	1,590 80	
A. D. Ferron .....	95	June 12, 1880				

FRD. SALOMON,  
Surveyor General for Utah.



D.—Statement showing the number of townships, with character and extent of public surveys and amount of area of public lands under deposits made by individuals, contracted for and returned during the fiscal year ending June 30, 1879, and approved during the fiscal year ending June 30, 1880.

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No. of township.	Description.		Amount of survey.			Character and amount of area.			Date of survey.	Deputy.	No. of contract.	Additional.
	Township.	Range.	Meridian.	Township.	Section.	Agricultural public land.	Returned as mineral land.	Total.				
			M. chs. lks.	M. chs. lks.	M. chs. lks.							
1	3 south.....	4 west .....		3 40 00	1 79 90	920.00		920.00	June 16 and 17, 1879.....	Adolphe Jessen.	91	×
2	18 south.....	1 west .....	73 25		1 32 70	1,258.18		1,258.18	April 19 to 24, and June 4, 1879.....	do .....	91	×
3	18 south.....	1 east .....		73 10	5 05 44	2,513.28		2,513.28	June 5, 1879.....	do .....	91	×
4	18 south.....	2 east .....		29 00	3 58 10	2,296.73		2,296.73	June 6, 1879.....	do .....	91	×
5	19 south.....	1 west .....	6 00 00	2 11 00	16 70 32	8,182.48		8,182.48	April 19 to 24, and June 2 to 4, 1879...	do .....	91	×
6	19 south.....	1 east .....		12 00 20	60 04 24	22,489.97	560.00	23,049.97	May 9 to June 2, 1879 .....	do .....	91	.....
7	19 south.....	2 east .....		4 00 00	44 05 85	14,159.48	1,210.59	15,370.07	May 20 to 26, 1879 .....	do .....	91	.....
8	20 south.....	1 west .....	5 04 59	2 09 30	20 56 37	6,799.81		6,799.81	April 19 to 24, and May 10 to 14, 1879.	do .....	91	×
9	20 south.....	1 east .....		11 01 52	55 22 70	17,085.16	2,320.00	19,405.16	April 26, and May 5 to 10, 1879 .....	do .....	91	×
10	20 south.....	2 east .....		4 00 00	37 77 99	12,789.78		12,789.78	April 27 to May 3, 1879.....	do .....	91	×
	Total.....	.....	11 77 84	40 04 12	247 13 61	88,494.87	4,090.59	92,585.46				

FRD. SALOMON,  
Surveyor General for Utah.



E.—Statement showing the number of townships, with character and extent of public surveys and amount of area of public lands under the regular appropriation, contracted for, returned, and approved during the fiscal year ending June 30, 1880.

No. of township.	Description.		Amount of survey.					Character and amount of area.			Date of survey.	Deputy.	No. of contract.
	Township.	Range.	Meridian.	Standard.	Township.	Section.	Meander.	Agricultural public land.	Returned as coal land.	Total.			
			<i>M.chs.lks.</i>	<i>M.chs.lks.</i>	<i>M.chs.lks.</i>	<i>M.chs.lks.</i>	<i>M.chs.lks.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>			
1	1 north ..	23 east ....	3 00 00	.....	.....	18 00 56	.....	6,790.20	.....	6,790.20	Aug 31 and Sept. 3, 1879 ..	A. D. Ferron and E. Buettner.	92
2	1 south ..	23 east.....	.....	.....	5 76 60	51 05 31	.....	18,725.48	.....	18,725.48	Aug. 23, and Sept.2 to 6,1879 .....	do .....	92
3	1 south ..	24 east.....	.....	.....	.....	46 15 10	.....	15,956.60	.....	15,956.60	Sept. 8 to 13, 1879.....	do .....	92
4	1 south ..	25 east.....	.....	.....	5 68 80	19 26 02	.....	6,583.54	.....	6,583.54	Aug. 28, 29, and 30, 1879 .....	do .....	92
5	2 south ..	23 east.....	.....	.....	9 00 00	22 00 95	.....	7,840.00	.....	7,840.00	Aug. 25, Sept. 1 and 2, 1879 .....	do .....	92
6	2 south ..	24 east.....	.....	.....	11 77 50	25 67 95	.....	9,156.60	.....	9,156.60	Aug. 26 to 30, 1879.....	do .....	92
7	2 south ..	25 east.....	.....	.....	.....	10 11 93	.....	3,740.00	.....	3,740.00	Sept. 1, 1879 .....	do .....	92
8	3 south ..	19 east.....	.....	.....	12 55 49	50 36 38	.....	18,493.74	.....	18,493.74	Oct. 6 to 8, 1879 .....	do .....	92
9	3 south ..	20 east.....	.....	.....	19 70 20	42 77 27	.....	15,486.72	.....	15,486.72	Oct. 2 and 4, 1879 .....	do .....	92
10	4 south ..	21 east.....	.....	.....	13 78 22	59 79 73	.....	19,774.89	3,232.72	23,007.61	Sept. 22 to 25, 1879.....	do .....	92
11	4 south ..	22 east.....	.....	.....	2 17 00	34 79 03	.....	11,827.60	.....	11,827.60	Sept. 22, 28, and 29, 1879.....	do .....	92
12	5 south ..	21 east.....	.....	.....	4 00 00	20 01 70	.....	7,366.10	.....	7,366.10	Sept. 15, 1879 .....	do .....	92
13	5 south ..	22 east.....	.....	.....	.....	60 01 40	.....	23,037.46	.....	23,037.46	Aug. 21 to 27, 1879 .....	do .....	92
14	5 south ..	24 east.....	.....	6 00 00	.....	.....	.....	.....	.....	.....	Sept. 30, 1879 .....	do .....	92
15	5 south ..	25 east.....	.....	6 00 00	.....	.....	.....	.....	.....	.....	Oct. 1, 1879 .....	do .....	92
16	6 south ..	20 east.....	.....	.....	2 00 00	16 75 62	.....	5,880.40	.....	5,880.40	Oct. 28 and 29, 1879 .....	do .....	92
17	6 south ..	21 east.....	5 72 80	.....	3 00 00	32 75 58	26 24 07	9,846.64	.....	9,846.64	Oct. 31 to Nov. 7, 1879.....	do .....	92
18	7 south ..	20 east.....	.....	.....	9 78 95	59 36 76	3 32 00	22,122.28	.....	22,122.28	Oct. 20 and 21 to 27, 1879 .....	do .....	92
19	7 south ..	21 east.....	6 00 00	.....	11 77 60	59 72 39	23 79 20	21,552.50	.....	21,552.50	Oct. 11 to 30, 1879 .....	do .....	92
20	8 south ..	20 east.....	.....	.....	9 17 60	40 34 23	15 04 06	14,037.32	.....	14,037.32	Oct.15 to 18, and Nov.19,1879 .....	do .....	92
21	8 south ..	21 east.....	6 00 00	.....	17 77 00	59 76 15	3 14 80	22,750.06	.....	22,750.06	Oct. 13 to 21, 1879 .....	do .....	92
22	9 south ..	19 east.....	.....	.....	6 00 00	.....	.....	.....	.....	.....	Nov. 4, 1879.....	do .....	92
23	9 south ..	20 east.....	6 00 00	.....	5 65 30	.....	.....	.....	.....	.....	Oct. 11 and Nov. 1, 1879 .....	do .....	92
24	10 south ..	18 east.....	.....	2 00 00	.....	1 09 81	.....	.....	.....	.....	Oct. 10 and 11, 1879 .....	do .....	92
25	10 south ..	19 east.....	.....	6 00 00	6 00 00	.....	.....	.....	.....	.....	Oct. 11 and Nov. 3, 1879 .....	do .....	92
26	10 south ..	20 east.....	.....	6 00 00	11 78 90	.....	.....	.....	.....	.....	Oct. 10, 11, 30, and 31, 1879 .....	do .....	92
	Total..	.....	32 72 80	26 00 00	169 39 16	731 63 87	71 74 13	260,968.13	3,232.72	264,200.85			
	* .....	.....	10	.....	61 21	40 03	69 29	.....	.....	.....			
			32 72 90	26 00 00	168 57 95	731 23 84	71 04 84	260,968.13	3,232.72	264,200.85			

\* See Commissioner's letter, March 8, 1880, and amended account April 20, 1880.

FRD. SALOMON.  
Surveyor General for Utah.



F.—Statement showing the number of townships, with character and extent of public surveys and amount of area of public lands under deposits made by individuals, contracted for, returned, and approved during the fiscal year ending June 30, 1880.

No. of township.	Description.		Amount of survey.			Character and amount of area.			Date of survey.	Deputy.	No. of contract.	Additional.
	Township.	Range.	Township.	Section.	Meander.	Agricultural public land.	Returned as mineral land.	Total.				
			<i>M.chs.lks.</i>	<i>M.chs.lks.</i>	<i>M.chs.lks.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>				
1	6 north	1 west		2 07 50		220.00	100.00	320.00	Sept. 3, 1879	Adolphe Jessen	94	×
2	3 south	3 west	1 00 00	6 40 80		1,120.00		1,120.00	Sept. 8 to 10, 1879	do	94	×
3*	4 south	4 west		5 50 00		160.00		160.00	Sept. 10 and 11, 1879	do	94	×
4	12 south	1 east		5 01 20		1,150.00	50.00	1,200.00	Nov. 22, 1879	do	94	×
5	21 south	4 west	4 00 00	3 54 00		2,241.55		2,241.55	Nov. 11 to 13, 1879	do	94	×
6	21 south	5 west	67 00	4 22 20		3,062.48		3,062.48	Nov. 11, 1879	do	94	×
7	21 south	6 west	63 95	1 24 40		864.40		864.40	Oct. 30, 1879	do	94	×
8	22 south	4 west		16 01 51		3,851.45		3,851.45	Nov. 14 to 17, 1879	do	94	.....
9	22 south	5 west	11 79 60	60 03 91		23,065.10		23,065.10	Oct. 31 to Nov. 10, 1879	do	94	.....
10	22 south	6 west	8 04 00	17 37 27		7,654.83		7,654.82	Oct. 27 and 28, 1879	do	94	×
11	23 south	5 west	7 00 00	48 28 17		16,865.60		16,865.60	Oct. 17 to 25, 1879	do	94	×
12	23 south	6 west	5 75 10	10 47 45		6,313.15		6,313.15	Oct. 14 and 15, 1879	do	94	×
	Total		39 49 65	180 78 41		66,568.56	150.00	66,718.56				
	*Canceled			5 50 00		160.00		160.00				
	Total		39 49 65	175 28 41		66,408.56	150.00	66,558.56				

\* See Commissioner's letter, November 15, 1879.

FRD. SALOMON,  
Surveyor General for Utah.



G.—Statement of approval of public surveys and transmission of copies of the same to the General Land Office and to the district land office during the fiscal year ending June 30, 1880.

Number of township.	Description.		Original plats and field notes filed in this office.			Duplicates transmitted to the General Land Office.			Triplicates transmitted to the district land office.		
	Township.	Range.	Plats.	Field notes.	Approved.	Plats.	Transcripts.	Transmitted.	Plats.	Descriptive lists.	Transmitted.
1	18 south	1 west	1	2	Aug. 13, 1879	1	2	Aug. 13, 1879	1	2	Sept. 17, 1879.
2	18 south	1 east	1	2	do	1	2	do	1	2	Oct. 3, 1879.
3	18 south	2 east	1	1	do	1	1	do	1	2	Do.
4	19 south	1 west	1	2	do	1	2	do	1	2	Do.
5	19 south	1 east	1	2	do	1	2	do	1	2	Sept. 17, 1879.
6	19 south	2 east	1	2	do	1	2	do	1	2	Do.
7	20 south	1 west	1	2	do	1	2	do	1	2	Do.
8	20 south	1 east	1	2	do	1	2	do	1	2	Oct. 3, 1879.
9	20 south	2 east	1	2	do	1	2	do	1	2	Do.
10	3 south	4 west	1	2	do	1	2	do	1	2	Do.
11	1 north	23 east	1	2	Oct. 18, 1879	1	2	Oct. 20, 1879	1	2	May 12, 1880.
12	1 south	23 east	1	2	do	1	2	do	1	2	Do.
13	1 south	24 east	1	1	do	1	1	do	1	2	Do.
14	1 south	25 east	1	2	do	1	2	do	1	2	Do.
15	2 south	23 east	1	2	do	1	2	do	1	2	Do.
16	2 south	24 east	1	2	do	1	2	do	1	2	Do.
17	2 south	25 east	1	1	do	1	1	do	1	2	Do.
18	5 south	21 east	1	2	do	1	2	do	1	2	Do.
19	5 south	22 east	1	1	do	1	1	do	1	2	Do.
20	6 north	1 west	1	1	Oct. 28, 1879	1	1	Oct. 29, 1879	1	2	Do.
21	3 south	3 west	1	2	do	1	2	do	1	2	Do.
22	4 south	4 west	1	1	do	1	1	do			Cancelled by Commissioner's letter Novem- 15, 1879.
23	12 south	1 east	1	1	Dec. 13, 1879	1	1	Dec. 13, 1879	1	2	May 12, 1880.
24	21 south	4 west	1	2	do	1	2	do	1	2	June 8, 1880.
25	21 south	5 west	1	2	do	1	2	do	1	2	Do.
26	21 south	6 west	1	2	do	1	2	do	1	2	Do.
27	22 south	4 west	1	1	do	1	1	do	1	2	Do.
28	22 south	5 west	1	2	do	1	2	do	1	2	Do.
29	22 south	6 west	1	2	do	1	2	do	1	2	Do.
30	23 south	5 west	1	2	do	1	2	do	1	2	Do.
31	23 south	6 west	1	2	do	1	2	do	1	2	Do.
32	3 south	19 east	1	2	Feb. 24, 1880	1	2	Feb. 24, 1880			
33	3 south	20 east	1	2	do	1	2	do			
34	4 south	21 east	1	2	do	1	2	do			
35	4 south	22 east	1	2	do	1	2	do			
36	5 south	24 east	1	1	do	1	1	do			
37	5 south	25 east	1		do	1		do			
38	6 south	20 east	1	2	do	1	2	do			
39	6 south	21 east	1	2	do	1	2	do			
40	7 south	20 east	1	2	do	1	2	do			
41	7 south	21 east	1	2	do	1	2	do			
42	8 south	20 east	1	2	do	1	2	do			
43	8 south	21 east	1	2	do	1	2	do			
44	9 south	19 east	1	1	do	1	1	do			
45	9 south	20 east	1	1	do	1	1	do			
46	10 south	18 east	1	1	do	1	1	do			
47	10 south	19 east	1	1	do	1	1	do			
48	10 south	20 east	1	2	do	1	2	do			
			48	81		48	81		30	60	

FRD. SALOMON,  
Surveyor General for Utah.



H.—Statement showing the number of linear miles run, the rate per mile, and the total cost of public surveys, under deposits made by individuals, as returned in Utah, during the fiscal year ending June 30, 1880.

Description.	Distance.	Rate per mile.	Amount.
	<i>M. chs. lks.</i>		
Meridian lines.....	11 77 84	\$10 00	\$119 73
Township lines.....	52 77 27	7 00	370 76
Township lines, mountainous and timbered.....	26 56 50	14 00	373 88
Subdivision lines.....	300 68 55	6 00	1,805 14
Subdivision lines, mountainous and timbered.....	121 53 47	10 00	1,218 63
Total.....	514 13 63	.....	3,888 14

FRD. SALOMON,  
Surveyor General for Utah.

I.—Statement showing the number of linear miles run, the rate per mile, and the total cost of public surveys, under the regular appropriation, as returned in Utah, during the fiscal year ending June 30, 1880.

Description.	Distance.	Rate per mile.	Amount.
	<i>M. chs. lks.</i>		
Meridian lines.....	29 36 90	\$10 00	\$294 60
Meridian lines, mountainous and timbered.....	3 36 00	16 00	55 20
Standard lines.....	14 00 00	10 00	140 00
Standard lines, mountainous and timbered.....	12 00 00	16 00	192 00
Township lines.....	97 66 22	7 00	684 74
Township lines, mountainous and timbered.....	72 01 74	14 00	1,008 37
Subdivision lines.....	550 49 92	6 00	3,303 73
Subdivision lines, mountainous and timbered.....	179 44 11	10 00	1,795 50
Meander lines, undergrowth and timbered.....	71 04 84	10 00	710 60
Total.....	1,029 79 73	.....	8,184 72

NOTE.—This table is compiled with reference to the accounts of October 20, 1879, and April 20, 1880 approved by the honorable Commissioner of the General Land Office. (See Commissioner's letters dated October 30, 1879, and April 29, 1880.)

FRD. SALOMON,  
Surveyor General for Utah.

J.—Recapitulation of total number of linear miles run, the rate per mile, and the total cost of public surveys, as returned in Utah, during the fiscal year ending June 30, 1880.

Description.	Distance.	Rate per mile.	Amount.
	<i>M. chs. lks.</i>		
Meridian lines.....	41 34 74	\$10 00	\$414 33
Meridian lines, mountainous and timbered.....	3 36 00	16 00	55 20
Standard lines.....	14 00 00	10 00	140 00
Standard lines, mountainous and timbered.....	12 00 00	16 00	192 00
Township lines.....	150 63 49	7 00	1,055 48
Township lines, mountainous and timbered.....	98 58 24	14 00	1,382 25
Subdivision lines.....	851 38 47	6 00	5,108 87
Subdivision lines, mountainous and timbered.....	301 17 58	10 00	3,014 13
Meander lines, with undergrowth, and timbered.....	71 04 84	10 00	710 60
Grand total.....	1,544 13 36	.....	12,072 86

FRD. SALOMON,  
Surveyor General for Utah.



K.—Statement showing the number of acres of public lands surveyed in Utah Territory.

Number of acres of public land surveyed up to June 30, 1879.....	8, 594, 952. 34
Number of acres of public land returned during the fiscal year ending June 30, 1880 .....	423, 344. 87
	9, 018, 297. 21

FRD. SALOMON,  
Surveyor General for Utah.

L.—Statement of work executed in the agricultural department of the surveyor general's office of Utah for the fiscal year ending June 30, 1880.

Description.	Surveyor gen- eral's office.	General land office.	District land office.	Total.
1. Under the regular appropriation :				
Plats showing exterior lines .....	6	6	.....	12
Plats showing subdivision lines.....	4	4	3	11
Plats showing exterior and subdivision lines.....	16	16	6	38
Total .....	26	26	9	61
Examination of original field note books.....	42	.....	.....	42
Transcripts of original field notes .....	.....	42	.....	42
Descriptive lists .....	.....	.....	18	18
Total .....	42	42	18	102
2. Under deposits made by individuals :				
Plats showing subdivision lines.....	4	4	3	11
Plats showing exterior and subdivision lines.....	18	18	18	54
Total .....	22	22	22	65
Examination of original field note books.....	39	.....	.....	39
Transcripts of original field notes .....	.....	39	.....	39
Descriptive lists .....	.....	.....	42	42
Total .....	39	39	42	120
RECAPITULATION.				
Plats showing exterior lines, subdivision lines, and exterior and subdivision lines .....	48	48	30	126
Map of Utah to accompany the annual report.....	1	1	.....	2
Grand total .....	49	49	30	128
Examination of original field-note books, transcripts of original field notes, and descriptive lists .....	81	81	60	222
Annual report for the fiscal year ending June 30, 1880.....	1	2	.....	3
Grand total .....	82	83	60	225

FRD. SALOMON.  
Surveyor General for Utah.



## M.—Statement of office work in the mineral department during the fiscal year.

Maps of mineral claims .....	932
Maps of mineral claims (amended) .....	11
Maps of the "Gold Belt" .....	3
Maps of connected Union Tunnel cluster .....	1
Total .....	947
Transcripts of field notes .....	238
Aggregate .....	1,185

FRD. SALOMON,  
Surveyor General for Utah.

## N.—Statement of current office work during the fiscal year.

Number of letters received .....	190
Number of letters sent .....	240
Number of accounts and vouchers (duplicate) .....	340
Number of contracts made (quadruplicate) .....	20
Number of accounts-current (duplicate) .....	8
Number of abstracts (duplicate) .....	8
Number of annual report (triplicate) .....	3
Aggregate .....	809

FRD. SALOMON,  
Surveyor General for Utah.

## O.—Statement showing the mineral claims surveyed, by whom surveyed, date and number of certificates of deposit for office work, and stationery, during the fiscal year ending June 30, 1880.

Number of lot.	Name of claim.	Deputy.	Date of certificate of deposit.	Number of certificate of deposit.	Amount.
<i>West Mountain district.</i>					
108	Tiewaukee .....	C. P. Brooks .....	Mar. 16, 1880	806	\$2
172	Mineral Point .....	F. Eastman .....	Oct. 24, 1879	542	20
206	Harriet No. 2 .....	do .....	July 14, 1879	253	25
207	Elvina .....	do .....	July 21, 1879	269	25
208	Keepapitchinin .....	J. Gorlinski .....	July 26, 1879	293	25
209	Rattlesnake .....	do .....	Aug. 2, 1879	296	25
210	Casco .....	A. Jessen .....	Sept. 11, 1879	487	25
211	Phoenix .....	do .....	Sept. 11, 1879	486	30
212	Kitty .....	E. B. Wilder .....	Aug. 15, 1879	316	25
213	Colorado .....	E. Wilkes .....	Aug. 20, 1879	389	25
214	February .....	do .....	Sept. 2, 1879	455	25
215	Rising Moon .....	F. Eastman .....	Sept. 3, 1879	457	25
216	Peabody .....	M. T. Burgess .....	Sept. 3, 1879	458	30
217	Exeter .....	E. Wilkes .....	Sept. 4, 1879	461	25
218	Tulare .....	C. L. Stevenson .....	Sept. 4, 1879	462	25
219	Noonday .....	do .....	Sept. 4, 1879	463	25
220	Peabody .....	E. Wilkes .....	Sept. 5, 1879	465	30
221	Washington .....	O. A. Palmer .....	Sept. 20, 1879	499	25
221	do .....	do .....	May 27, 1880	919	10
222	Torpedo .....	F. Eastman .....	Nov. 13, 1879	601	25
223	Brilliant .....	do .....	Nov. 13, 1879	602	25
223	do .....	do .....	Apr. 20, 1880	853	60
224	Amizon .....	do .....	Nov. 13, 1879	603	25
224	do .....	do .....	Apr. 20, 1880	855	35
225	Congress .....	do .....	Nov. 13, 1879	604	25
225	do .....	do .....	Apr. 20, 1880	854	25
226	Dixon No. 3 .....	do .....	Nov. 13, 1879	605	25
226	do .....	do .....	Apr. 20, 1880	856	20
227	Parker .....	do .....	Nov. 15, 1879	612	25



O.—Statement showing the mineral claims surveyed, by whom surveyed, &amp;c.—Continued.

Number of lot.	Name of claim.	Deputy.	Date of certificate of deposit.	Number of certificate of deposit.	Amount.
<i>West Mountain district—Continued.</i>					
227	Parker .....	F. Eastman .....	Dec. 9, 1879	655	\$5
228	Chicago Fire .....	do .....	Nov. 15, 1879	613	25
229	Mystic .....	E. B. Wilder .....	Nov. 18, 1879	617	25
230	Maple Tree .....	C. P. Brooks .....	Nov. 21, 1879	619	25
230	do .....	do .....	Jan. 17, 1880	706	25
231	Alamo .....	F. Eastman .....	Nov. 21, 1879	623	25
232	Extension .....	C. L. Stevenson .....	Dec. 1, 1879	639	27
233	Alice .....	E. Wilkes .....	Dec. 4, 1879	644	27
234	National Greenback .....	J. Gorlinski .....	Dec. 4, 1879	645	27
235	Champion .....	do .....	Dec. 4, 1879	646	27
236	Domingo .....	do .....	Dec. 4, 1879	647	27
237	Pactolus .....	do .....	Dec. 4, 1879	648	27
238	Flyer .....	do .....	Dec. 4, 1879	649	27
239	York .....	A. Jessen .....	Dec. 22, 1879	672	27
240	Parma .....	R. H. Browne .....	Jan. 12, 1880	701	27
240	do .....	do .....	Apr. 6, 1880	834	5
241	Roman .....	do .....	Jan. 12, 1880	700	27
242	McGuire & Co.'s Placer .....	E. B. Wilder .....	Jan. 31, 1880	740	27
243	Lead Mine .....	do .....	Feb. 11, 1880	755	27
244	Venus .....	W. Bredemeyer .....	Feb. 26, 1880	770	37
245	Experiment .....	do .....	Feb. 28, 1880	772	27
246	Northern Chief .....	do .....	Feb. 28, 1880	773	27
247	Monitor .....	do .....	Mar. 8, 1880	788	27
248	Tilden .....	C. P. Brooks .....	Feb. 24, 1880	768	27
249	Benton .....	E. B. Wilder .....	Mar. 24, 1880	813	27
249	do .....	do .....	May 21, 1880	905	10
250	North Star .....	C. L. Stevenson .....	May 31, 1880	827	27
251	Bemis & Hiatt Southwesterly .....	E. B. Wilder .....	Apr. 1, 1880	828	27
252	Revere Mill Site .....	E. Wilkes .....			
253	George .....	A. Jessen .....			
254	Howard .....	do .....			
255	Winamuck No. 2 .....	C. P. Brooks .....	June 4, 1880	932	27
256	Veto .....	do .....	June 10, 1880	946	27
257	Centennial No. 2 .....	R. H. Browne .....	June 26, 1880	982	27
258	Bazouk .....	E. B. Wilder .....	June 28, 1880	985	27
<i>Little Cottonwood district.</i>					
122	Lavinia .....	M. T. Burgess .....	Nov. 26, 1879	630	25
123	Haskell .....	E. B. Wilder .....	Sept. 1, 1879	450	25
123	do .....	do .....	Oct. 24, 1879	543	15
124	No. 1 .....	O. A. Palmer .....	Oct. 25, 1879	545	30
125	No. 2 .....	do .....	Oct. 25, 1879	546	35
126	No. 3 .....	do .....	Oct. 25, 1879	547	30
126	do .....	do .....	Nov. 13, 1879	600	5
127	Murphy .....	L. J. Holmes .....	Jan. 13, 1880	702	47
127	do .....	do .....	May 8, 1880	885	5
128	Montezuma .....	W. Bredemeyer .....	June 4, 1880	937	27
129	Savage .....	do .....	June 4, 1880	936	27
130	Revolution .....	do .....	June 26, 1880	980	27
131	Mackay .....	do .....	June 26, 1880	981	27
132	Old Sole Leather .....	F. Dickert .....	July 2, 1880	1005	27
133	Ogarita .....	do .....	July 2, 1880	1006	27
<i>Big Cottonwood district.</i>					
94	Fourth of July .....	F. Dickert .....	Dec. 11, 1879	658	10
103	Granite .....	A. F. Doremus .....	Aug. 18, 1879	324	25
109	Silver Mountain .....	F. Dickert .....	Oct. 24, 1879	544	5
111	Red Pine .....	do .....	June 2, 1880	929	27
112 A	Vinnie .....	do .....	June 4, 1880	935	27
112 B	Vinnie Mill Site .....	do .....	June 4, 1880	935	10
<i>Pintic district.</i>					
65	Mammoth .....	T. Davis .....	Aug. 15, 1879	313	25
66	Elmer Ray .....	do .....	Aug. 15, 1879	314	25
67	Centennial Eureka .....	O. A. Palmer .....	Aug. 29, 1879	445	25
68	Bullion .....	F. Dickert .....	Nov. 21, 1879	620	25
69	Gemini .....	A. Jessen .....	Jan. 19, 1880	709	27
70	Mono .....	do .....	Feb. 9, 1880	751	27
71	Robbins Eureka .....	do .....	Feb. 9, 1880	752	27
72	Godiva .....	do .....	May 22, 1880	908	27



O.—Statement showing the mineral claims surveyed, by whom surveyed, &amp;c.—Continued.

Number of lot,	Name of claim.	Deputy.	Date of certificate of deposit.	Number of certificate of deposit.	Amount.
<i>Camp Floyd district.</i>					
48	Carrie Steele mill site .....	E. Wilkes .....	July 18, 1879	263	\$25.
49	Mormon Chief .....	E. B. Wilder .....	Oct. 1, 1879	509	25
49	do .....	do .....	Jan. 29, 1880	734	5
50	Mormon Chief extension .....	do .....	Oct. 1, 1879	510	25
51	Emery .....	do .....	Oct. 1, 1879	511	25
52	Grecian Bend .....	do .....	Oct. 1, 1879	512	25
52	do .....	do .....	Jan. 29, 1880	735	5
<i>Ophir district.</i>					
129	Empire .....	C. P. Brooks .....	July 12, 1879	239	25
130	Monarch No. 2 .....	do .....	July 12, 1879	240	25
131	Monarch No. 3 .....	do .....	July 19, 1879	266	25
132	Belast .....	F. Dickert .....	Oct. 7, 1879	523	25
133	Chrisopolis Easterly .....	W. Bredemeyer .....	Oct. 27, 1879	552	25
134	Struck It .....	do .....	Oct. 27, 1879	551	25
134	do .....	do .....	Nov. 11, 1879	595	10
135	Jim Fisk, jr .....	C. P. Brooks .....	Dec. 31, 1879	690	27
135	do .....	do .....	May 5, 1880	879	5
136	Green Eyed Monster .....	do .....	Dec. 31, 1879	689	27
136	do .....	do .....	May 5, 1880	881	15
137	Chloride Jem .....	do .....	Dec. 31, 1879	688	27
137	do .....	do .....	May 5, 1880	880	15
138	Dixie .....	A. Jessen .....	Jan. 24, 1880	727	27
139	Trace .....	F. Dickert .....	Mar. 9, 1880	789	27
140	Trace No. 2 .....	do .....	Mar. 9, 1880	790	27
141	Trace No. 3 .....	do .....	Mar. 9, 1880	791	27
142	Banner .....	do .....	Mar. 9, 1880	792	27
<i>American Fork district.</i>					
62	Wacht am Rhein .....	W. Bredemeyer .....	Nov. 21, 1879	624	25
63A	Lady Annie .....	do .....	Nov. 21, 1879	625	25
63	do .....	do .....	Dec. 18, 1879	622	10
63B	Lady Annie mill site .....	do .....	Dec. 12, 1879	622	10
64A	Excelsior .....	do .....	Mar. 12, 1880	798	32
64B	Excelsior mill site .....	do .....	Mar. 12, 1880	798	10
65	Little Cloude .....	F. Dickert .....	Mar. 27, 1880	815	27
66A	Borussia .....	W. Bredemeyer .....			
66B	Borussia mill site .....	do .....			
67A	Cologne .....	do .....			
67B	Cologne mill site .....	do .....			
68	Wild Dutchman .....	F. Dickert .....	June 18, 1880	958	27
<i>Uintah district.</i>					
61	Marsac .....	J. Gorlinski .....	Mar. 31, 1880	821	20
72	Challenger .....	F. Eastman .....	Aug. 18, 1879	322	5
74	Celeste .....	do .....	Aug. 18, 1879	323	10
75	Cave .....	do .....	Nov. 1, 1879	572	15
76	Prins Oscar of Sweden .....	do .....	July 1, 1879	211	25
77	Silver Queen .....	J. Gorlinski .....	July 17, 1879	260	25
78	Union .....	O. A. Palmer .....	July 26, 1879	290	25
79	Centennial .....	do .....	July 26, 1879	291	25
80A	Central .....	do .....	July 26, 1879	292	25
80B	Washington mill site .....	do .....	Aug. 15, 1879	306	10
81	Narrow Gauge .....	do .....	Aug. 15, 1879	307	25
82	Dreadnaught Tunnel .....	do .....	Aug. 15, 1879	308	25
82	do .....	do .....	Mar. 16, 1880	805	5
83	Saw Mill .....	E. B. Wilder .....	Aug. 15, 1879	309	25
83	do .....	do .....	June 5, 1880	939	10
84	Democrat .....	J. Gorlinski .....	Aug. 15, 1879	311	25
85	Centennial Ledge .....	A. Jessen .....	Aug. 15, 1879	315	25
86	Washatch .....	J. Gorlinski .....	Sept. 5, 1879	468	25
86	do .....	do .....	Nov. 1, 1879	569	5
87	Superior .....	do .....	Sept. 5, 1877	469	25
87	do .....	do .....	Nov. 21, 1879	622	5
88	Sampson .....	F. Eastman .....	Sept. 6, 1879	472	25
88	do .....	do .....	Nov. 1, 1879	570	5
89	Sampson No. 2 .....	do .....	Sept. 6, 1879	473	25
90	Grand Prize .....	do .....	Sept. 6, 1879	574	25
91	Chief of the Park .....	do .....	Sept. 6, 1879	475	25
91	do .....	do .....	Nov. 1, 1879	571	5



O.—Statement showing the mineral claims surveyed, by whom surveyed, &amp;c.—Continued.

Number of lot.	Name of claim.	Deputy.	Date of certificate of deposit.	Number of certificate of deposit.	Amount.
<i>Utah district—Continued.</i>					
92	United .....	F. Eastman .....	Sept. 6, 1879	476	\$25
93	Thunderer .....	do .....	Sept. 6, 1879	477	25
94	Thunderer Tunnel .....	do .....	Sept. 6, 1879	478	25
95	American Flag .....	E. B. Wilder .....	Sept. 6, 1879	479	25
96	War Eagle .....	F. Eastman .....	Sept. 19, 1879	496	25
97	Park City Consolidated .....	J. Gorlinski .....	Oct. 20, 1879	535	25
98	Emma Jane .....	do .....	Oct. 20, 1879	536	25
99	Ossian .....	do .....	Oct. 20, 1879	537	25
100	Water Witch .....	do .....	Oct. 20, 1879	538	25
100	do .....	do .....	Dec. 5, 1879	650	25
101	Europe .....	do .....			
102	Dutchman .....	do .....			
103	Garvey .....	E. Wilkes .....	Oct. 27, 1879	550	27
104	Eureka .....	J. Gorlinski .....	Oct. 28, 1879	555	25
104	do .....	do .....	Dec. 19, 1879	666	10
105	Vermont .....	do .....	Oct. 28, 1879	556	25
105	do .....	do .....	Dec. 19, 1879	665	20
106	Fairview .....	E. Wilkes .....	Oct. 30, 1879	565	25
107	Revenue .....	O. A. Palmer .....	Oct. 30, 1879	566	25
107	do .....	do .....	Jan. 9, 1880	697	5
108	Saint Louis .....	J. Gorlinski .....	Nov. 10, 1879	592	25
109	Magnolia .....	do .....	Nov. 10, 1879	593	25
109	do .....	do .....	Dec. 19, 1879	664	10
110	Eudora .....	do .....	Dec. 20, 1879	669	27
111	Stargazer .....	do .....	Dec. 20, 1879	670	27
112	Miners' Delight .....	do .....	Dec. 19, 1879	667	27
113	Eldorado .....	do .....	Dec. 22, 1879	674	27
114	Woodbine .....	do .....	Jan. 19, 1880	718	27
115	Montezuma .....	do .....	Jan. 19, 1880	721	27
116	Hidden Treasure No 2 .....	do .....	Jan. 19, 1880	719	27
116	do .....	do .....	Jan. 31, 1880	739	5
117	Manhattan .....	do .....	Jan. 19, 1880	720	27
117	do .....	do .....	Jan. 31, 1880	738	5
118	Monitor .....	do .....	Jan. 12, 1880	698	27
118	do .....	do .....	Jan. 27, 1880	731	15
119	Rebecca .....	do .....	Jan. 27, 1880	730	27
120	Orient .....	E. B. Wilder .....	Jan. 19, 1880	712	27
120	do .....	do .....	June 28, 1880	986	10
121	Occident .....	do .....	Jan. 19, 1880	711	27
121	do .....	do .....	June 28, 1880	987	15
122	Union Tunnel No. 2 .....	do .....	Jan. 19, 1880	714	27
122	do .....	do .....	June 28, 1880	988	45
123	Union Tunnel No. 1 .....	do .....	Jan. 19, 1880	713	27
123	do .....	do .....	June 28, 1880	989	50
124	Jesse .....	J. Gorlinski .....			
125	Friday .....	do .....			
126	Boss .....	do .....	Feb. 18, 1880	762	27
126	do .....	do .....	Mar. 31, 1880	823	15
127	Baby .....	do .....	Feb. 18, 1880	763	27
127	do .....	do .....	Mar. 31, 1880	822	5
128	Jupiter .....	C. P. Brooks .....	Mar. 15, 1880	800	27
129	King William .....	do .....	Mar. 15, 1880	801	27
130	New Found Treasure .....	E. B. Wilder .....	May 20, 1880	901	27
131	Solid Muldoon .....	do .....	May 20, 1880	902	27
132	Great Western .....	do .....	May 21, 1880	906	27
133	Dakota .....	A. Jessen .....	June 24, 1880	969	27
134	Little Maggie .....	do .....	June 24, 1880	970	27
135	Fortune Teller .....	do .....	June 24, 1880	971	27
136	Square Deal .....	do .....	June 24, 1880	972	27
137	Ameer .....	do .....	June 24, 1880	973	27
138	Missouri .....	do .....	June 24, 1880	974	27
139	Convict .....	do .....	June 24, 1880	975	27
140	Glenn .....	do .....	June 24, 1880	976	27
141	Tycoon .....	do .....	June 24, 1880	977	27
<i>Rush Valley district.</i>					
52A	Quandary No. 2, mill site .....	A. Jessen .....	Nov. 25, 1879	628	25
55	Mervin .....	do .....	July 11, 1879	228	15
56	Alps .....	W. Bredemeyer .....	July 7, 1879	216	35
57	Minerva .....	E. B. Wilder .....	Aug. 15, 1879	312	25
58	Hannah .....	C. P. Brooks .....	Sept. 6, 1879	471	30
59	First National .....	A. Jessen .....	Sept. 30, 1879	507	25



O.—Statement showing the mineral claims surveyed, by whom surveyed, &amp;c.—Continued.

Number of lot.	Name of claim.	Deputy.	Date of certificate of deposit.	Number of certificate of deposit.	Amount.
<i>Rush Valley district—Continued.</i>					
60	Southport .....	L. J. Holmes .....	Sept. 18, 1879	495	\$25
60	do .....	do .....	Mar. 4, 1880	783	5
61	Calmut .....	A. Jessen .....	Sept. 29, 1879	504	25
61	do .....	do .....	Dec. 29, 1879	682	10
62	Elizabeth .....	do .....	Sept. 29, 1879	503	25
63A	Great Basin .....	do .....	Nov. 25, 1879	627	25
63B	Great Basin mill site .....	do .....	Nov. 25, 1879	627	10
64	Emerald .....	J. Gorlinski .....	Dec. 29, 1879	681	27
64	do .....	do .....	Mar. 16, 1880	804	5
65	Melia .....	do .....	Dec. 29, 1879	679	27
66	Theresa .....	do .....	Dec. 29, 1879	680	27
66	do .....	do .....	Mar. 16, 1880	803	10
67	Silver Queen .....	A. Jessen .....	Jan. 14, 1880	704	27
67	do .....	do .....	Apr. 9, 1880	837	5
68	Leonore .....	do .....	Feb. 28, 1880	774	27
69	Legal Tender .....	F. Dickert .....	Mar. 11, 1880	796	27
70	War Eagle .....	E. B. Wilder .....	Mar. 23, 1880	811	27
71	Silver King No. 2 .....	A. Jessen .....	May 1, 1880	873	27
<i>San Francisco district.</i>					
46	Carbonate .....	F. Olmsted .....	Aug. 29, 1879	444	5
47	Americus .....	do .....	Aug. 29, 1879	446	25
48	Lulu .....	do .....	Oct. 13, 1879	528	25
49	Bonanza .....	do .....	Oct. 13, 1879	529	25
50	Morning Star .....	F. Dickert .....	Feb. 2, 1880	744	27
51	Grampion .....	F. Olmsted .....	Apr. 7, 1880	835	27
52	Carbonate (resurvey) .....	E. Buettner .....	Apr. 12, 1880	846	32
53	Great Republic .....	do .....	May 31, 1880	923	27
<i>Hot Springs district.</i>					
39	Lawrence .....	W. Bredemeyer .....	Nov. 3, 1879	578	35
40	Eureka .....	do .....	Nov. 3, 1879	579	30
41A	Blanche .....	do .....	Jan. 19, 1880	710	27
41	do .....	do .....	Mar. 16, 1880	807	5
41B	Blanche mill site .....	do .....	Jan. 19, 1880	710	10
<i>Iron Springs district.</i>					
38	Desert Mound .....	A. J. Stewart, jr .....	Nov. 14, 1879	611	10
39	Smith .....	F. Dickert .....	Nov. 7, 1879	586	25
40	Adams .....	do .....	Nov. 7, 1879	584	25
41	Armstrong .....	do .....	Nov. 7, 1879	585	25
42	Blair .....	do .....	Jan. 19, 1880	715	27
43	Walker .....	do .....	Jan. 19, 1880	716	27
44	Sharp .....	do .....	Jan. 19, 1880	717	27
<i>Blue Ledge district.</i>					
63	Jones No. 2 .....	O. A. Palmer .....	July 26, 1879	294	25
64	Erie .....	E. B. Wilder .....	Aug. 15, 1879	310	25
65	White Pine Gold and Silver Consolidated .....	F. Eastman .....	Aug. 22, 1879	433	25
66	Homestake .....	J. Gorlinski .....	Sept. 5, 1879	466	25
67	Homestake No. 2 .....	do .....	Sept. 5, 1879	467	25
68	Utah .....	do .....	Sept. 3, 1879	460	25
68	do .....	do .....	Dec. 5, 1879	651	5
69	Alladin .....	E. B. Wilder .....	Oct. 29, 1879	550	25
69	do .....	do .....	Mar. 5, 1880	784	10
70	Nail Driver .....	do .....	Oct. 29, 1879	569	25
71	May Fly .....	do .....	Oct. 29, 1879	558	25
72	Golden King .....	do .....	Oct. 29, 1879	561	25
73	Sunday .....	J. Gorlinski .....	June 12, 1880	948	25
74	Whitford .....	do .....	June 12, 1880	949	25
75	Lena .....	do .....	June 12, 1880	950	25
76	Spread Eagle .....	do .....	June 12, 1880	951	25
77	Welcome Stranger .....	do .....	June 12, 1880	952	25
78	Colorado .....	do .....	Jan. 17, 1880	707	27
79	Mary Ellen .....	E. B. Wilder .....	Jan. 22, 1880	725	27
80	Tiger .....	J. Gorlinski .....	Mar. 2, 1880	781	27
81	Henry M. Stanley .....	A. Jessen .....	May 24, 1880	911	27
82	North Star No. 3 .....	do .....	May 24, 1880	912	27
83	Maggie .....	do .....	June 23, 1880	965	27



O.—Statement showing the mineral claims surveyed, by whom surveyed, &c.—Continued.

Number of lot.	Name of claim.	Deputy.	Date of certificate of deposit.	Number of certificate of deposit.	Amount.
Blue Ledge district—Continued.					
84	Mazeppa .....	A. Jessen .....	June 23, 1880	966	\$27
85	Hawkeye No. 2 .....	do .....	June 29, 1880	992	27
86	I. X. L. ....	do .....	June 29, 1880	993	27
87	Pine Creek .....	do .....	June 29, 1880	994	27
Harrisburg district.					
60	Requa .....	J. M. Macfarlane .....	Sept. 11, 1879	488	30
61	Scott .....	A. H. Parker .....	Apr. 27, 1880	864	27
Tooele district.					
37	Annie .....	R. H. Browne .....	June 28, 1880	984	27
Pinto district.					
37	Duncan .....	A. J. Stewart, jr. ....	Nov. 10, 1879	589	20
44	Blowout .....	do .....	Nov. 10, 1879	590	15
45	Chesapeak .....	do .....	Nov. 10, 1879	591	10
46	Excelsior .....	do .....	Nov. 12, 1879	598	10
47	Great West Iron Mountain Extension of the Mountain Peak. ....	do .....	Nov. 12, 1879	599	20
48	Mountain Peak .....	do .....	Nov. 14, 1879	610	5
49	Pot Metal .....	do .....	Nov. 14, 1879	609	10
54	Black Magnetic .....	do .....	Nov. 14, 1879	608	10
Gordon district.					
45	Utah Sulphur .....	C. P. Brooks .....	Mar. 27, 1880	817	27
46	Conqueror Sulphur .....	do .....	Mar. 27, 1880	818	27
47	New York Sulphur .....	F. Dickert .....	Apr. 9, 1880	839	27
47	do .....	do .....	May 8, 1880	886	5
48	Boston Sulphur .....	do .....	Apr. 9, 1880	840	27
48	do .....	do .....	May 8, 1880	887	15
49	Philadelphia Sulphur .....	do .....	Apr. 9, 1880	841	27
49	do .....	do .....	May 8, 1880	888	25

FRD. SALOMON,  
Surveyor General for Utah.

P.—Statement of special deposits of individuals for survey of public lands in Utah during the fiscal year ending June 30, 1880.

Certificate of deposit.		Depositor.	Survey.	Deputy.	Field work.	Office work.
Date.	No.					
1879.						
Aug. 11	298	Jefferson Huff .....	Township 3 south, range 4 west.	Adolphe Jessen.	\$34 45	.....
13	300	Ernst Buettner ...	Townships 18, 19, and 20 south, ranges 1 and 2 east, and 1 west.	do .....	200 00	.....
12	301	do .....	do .....	do .....	37 89	.....
19	332	Wm. A. C. Bryan ..	Township 12 south, range 1 east.	do .....	40 00	.....
19	334	Jefferson Huff .....	Township 4 south, range 4 west.	do .....	50 00	.....
19	336	Noah Avery .....	Townships 21, 22, 23 south, ranges 4, 5, and 6 west.	do .....	3 25	.....
19	337	Miles Reay .....	do .....	do .....	5 00	.....
19	338	Henry Barney .....	do .....	do .....	5 00	.....
19	339	Joseph Barney .....	do .....	do .....	10 00	.....
19	340	John Woodward ..	do .....	do .....	5 00	.....
19	341	Amon Rapleyee ...	do .....	do .....	10 00	.....



P.—Statement of special deposits of individuals for survey of public lands, &amp;c.—Continued.

Certificate of deposit.		Depositor.	Survey.	Deputy.	Field work.	Office work.
Date.	No.					
1879. Aug. 19	342	Abram Woolsey ..	Townships 21, 22, 23 south, ranges 4, 5, and 6 west.	Adolphe Jessen.	\$5 00	.....
19	343	Thomas Ross, jr ..	do .....	do .....	5 00	.....
19	344	Charles Bement ..	do .....	do .....	8 00	.....
19	345	James Paxton ..	do .....	do .....	5 00	.....
19	346	Abraham A. Kimball.	do .....	do .....	10 00	.....
19	347	James L. Dorrity ..	do .....	do .....	10 00	.....
19	348	Collins R. Hakes ..	do .....	do .....	6 00	.....
19	349	Charles Hopkins ..	do .....	do .....	10 00	.....
19	350	Mary Hopkins ..	do .....	do .....	2 00	.....
19	351	Thomas Ross, sr ..	do .....	do .....	10 00	.....
19	352	William Hunter ..	do .....	do .....	10 00	.....
19	353	Zera Penney ..	do .....	do .....	5 00	.....
19	354	Thomas Greener ..	do .....	do .....	10 00	.....
19	355	Anthony Paxton ..	do .....	do .....	10 00	.....
19	356	Henry Manhard ..	do .....	do .....	5 00	.....
19	357	James Abraham ..	do .....	do .....	14 00	.....
19	358	Sarah A. Roberts ..	do .....	do .....	1 80	.....
19	359	John Prows ..	do .....	do .....	3 00	.....
19	360	Walter Barney ..	do .....	do .....	6 00	.....
19	361	Thomas Charleswable.	do .....	do .....	5 00	.....
19	362	Catharine Woolsey ..	do .....	do .....	1 50	.....
19	363	Culbert King ..	do .....	do .....	5 00	.....
19	364	Hans Christensen ..	do .....	do .....	10 00	.....
19	365	Andrew J. Ross ..	do .....	do .....	10 00	.....
19	366	William Mills ..	do .....	do .....	5 00	.....
19	367	John Riddle ..	do .....	do .....	5 00	.....
19	368	Isaac Riddle ..	do .....	do .....	19 00	.....
19	369	Albert Nadauld ..	do .....	do .....	5 00	.....
19	370	Edwin McClabchy ..	do .....	do .....	5 00	.....
19	371	Thomas Charleswable.	do .....	do .....	5 00	.....
19	372	William Penney ..	do .....	do .....	2 00	.....
19	373	Alexander Reay ..	do .....	do .....	5 00	.....
19	374	George Reay ..	do .....	do .....	5 00	.....
19	375	Moroni Charleswable.	do .....	do .....	5 00	.....
19	376	John Rodgers ..	do .....	do .....	10 00	.....
19	377	John Charleswable ..	do .....	do .....	5 00	.....
19	378	David Thomas ..	do .....	do .....	7 00	.....
19	379	Sorren Yens Corbsen.	do .....	do .....	2 50	.....
19	380	William George, sr ..	do .....	do .....	20 00	.....
19	381	William George, jr ..	do .....	do .....	3 00	.....
19	382	John Ormond ..	do .....	do .....	40 00	.....
19	383	George A. George ..	do .....	do .....	5 00	.....
19	384	Geo. W. Hickerson ..	do .....	do .....	5 00	.....
19	385	Lyman Leavitt ..	do .....	do .....	12 00	.....
19	386	Charles Robinson ..	do .....	do .....	12 00	.....
19	325	Charles Crane ..	do .....	do .....	200 00	.....
19	326	George Crane ..	do .....	do .....	200 00	.....
19	327	William Stott ..	do .....	do .....	200 00	.....
19	328	Albert Gray ..	do .....	do .....	200 00	.....
19	329	George Littlewood ..	do .....	do .....	200 00	.....
19	330	John Nield ..	do .....	do .....	11 95	.....
19	331	John Martin ..	do .....	do .....		\$200
19	333	Wm. A. C. Bryan ..	Township 12 south, range 1 east.	do .....		25
19	335	Jefferson Huff ..	Township 4 south, range 4 west.	do .....		25
25	439	I. N. Dunyon ..	Township 3 south, range 3 west.	do .....	50 00	.....
25	438	do .....	do .....	do .....		25
					1,812 34	275

All of the deposits were made in the Deseret National Bank, Salt Lake City, Utah.

FRD. SALOMON,  
Surveyor General for Utah.



Q.—*Frd. Salomon, United States surveyor general for Utah, in account current with the United States for contingent expenses of his office, from appropriation of March 3, 1879, for the fiscal year ending June 30, 1880.*

DR.

CR.

1879.				1879.	First quarter:		
Aug. 25	To draft on Deseret National Bank .....	\$375 00		Sept. 30	By incidentals .....	\$219 55	
Oct. 31	.....do .....	375 00		30	By Martin Sorensen, messenger .....	35 45	
1880.				30	By N. Groesbeck, rent .....	120 00	\$375 00
Feb. 9	.....do .....	575 00			Second quarter:		
Apr. 1	.....do .....	175 00		Dec. 31	By incidentals .....	225 00	
				31	By J. L. Borg, messenger .....	30 00	
				31	By N. Groesbeck, rent .....	120 00	375 00
				1880.	Third quarter:		
				Mar. 31	By incidentals .....	200 60	
				31	By J. L. Borg, messenger .....	20 00	
				31	By N. Meads, messenger .....	12 00	
				31	By N. Groesbeck, rent .....	120 00	352 60
				June 30	Fourth quarter:		
				30	By incidentals .....	256 40	
				30	By N. Meads, messenger .....	36 00	
					By Zera Snow, rent .....	105 00	397 40
			\$1,500 00				1,500 00

FRD. SALOMON,  
Surveyor General for Utah.



R.—Frd. Salomon, United States surveyor general for Utah, in account current with the United States for salary of surveyor general and clerks in his office  
for the fiscal year ending June 30, 1880.

DR.

CR.

1879.			1879.		
Aug. 25	To draft on Deseret National Bank.....	\$1,437 50	Aug. 25	By Frd. Salomon, surveyor general .....	\$229 16
Oct. 31	do.....	1,437 50	Aug. 25	By C. H. Cranwell, chief clerk .....	150 00
1880.			Aug. 25	By J. H. Campe, draughtsman .....	125 00
Feb. 9	do.....	1,437 50	Aug. 30	By Frd. Salomon, surveyor general .....	229 17
Apr. 1	do.....	1,437 50	Aug. 30	By T. C. Bailey, chief clerk .....	150 00
			Aug. 30	By J. H. Campe, draughtsman .....	125 00
			Sept. 30	By Frd. Salomon, surveyor general .....	229 17
			Sept. 30	By T. C. Bailey, chief clerk .....	150 00
			Sept. 30	By J. H. Campe, draughtsman .....	50 00
			Oct. 31	By Frd. Salomon, surveyor general .....	231 60
			Oct. 31	By T. C. Bailey, chief clerk .....	151 60
			Oct. 31	By J. H. Campe, draughtsman .....	126 40
			Nov. 30	By Frd. Salomon, surveyor general .....	224 30
			Nov. 30	By T. C. Bailey, chief clerk .....	146 80
			Nov. 30	By J. H. Campe, draughtsman .....	122 20
			Dec. 31	By Frd. Salomon, surveyor general .....	231 60
			Dec. 31	By T. C. Bailey, chief clerk .....	151 60
			Dec. 31	By J. H. Campe, draughtsman .....	51 40
			1880.		
			Feb. 9	By Frd. Salomon, surveyor general .....	234 15
			Feb. 9	By T. C. Bailey, chief clerk .....	153 30
			Feb. 9	By J. H. Campe, draughtsman .....	127 70
			Feb. 28	By Frd. Salomon, surveyor general .....	219 20
			Feb. 28	By T. C. Bailey, chief clerk .....	143 40
			Feb. 28	By J. H. Campe, draughtsman .....	119 60
			Mar. 31	By Frd. Salomon, surveyor general .....	234 15
			Mar. 31	By T. C. Bailey, chief clerk .....	153 30
			Mar. 31	By J. H. Campe, draughtsman .....	52 70
			Apr. 30	By Frd. Salomon, surveyor general .....	226 60
			Apr. 30	By T. C. Bailey, chief clerk .....	148 30
			Apr. 30	By J. H. Campe, draughtsman .....	123 60
			May 31	By Frd. Salomon, surveyor general .....	234 30
			May 31	By T. C. Bailey, chief clerk .....	153 40
			May 31	By J. H. Campe, draughtsman .....	127 80
			June 30	By Frd. Salomon, surveyor general .....	226 60
			June 30	By T. C. Bailey, chief clerk .....	148 30
			June 30	By J. H. Campe, draughtsman .....	48 60
		5,750 00			5,750 00

THE GENERAL LAND OFFICE.

FRD. SALOMON,  
Surveyor General for Utah.



S.—The United States in account with special deposits, for office work, and stationery, on mineral and agricultural surveys, for the fiscal year ending June 30, 1880.

DR.

CR.

1879.			1879.					
First fiscal quarter:			First fiscal quarter:					
Aug. 25	To E. H. Hesse, mineral draughtsman .....	\$121 50	July 1	By balance from last fiscal year (as per our books) .....				\$1,401 72
25	To G. Schulte, assistant mineral draughtsman .....	44 00	2	By certificates transmitted .....	\$50 00			
25	To W. A. Gorlinski, assistant clerk .....	108 00	Aug. 1	do .....	350 00			
30	To E. H. Hesse, mineral draughtsman .....	117 00	23	do .....	1,095 00			
30	To G. Schulte, assistant mineral draughtsman .....	104 00	28	do .....	300 00			
30	To W. A. Gorlinski, assistant clerk .....	104 00	28	do .....	375 00			
Sept. 30	To J. H. Campe, draughtsman .....	75 00	Sept. 2	do .....	105 00			
30	To E. H. Hesse, mineral draughtsman .....	117 00	11	do .....	600 00			
30	To G. Schulte, assistant mineral draughtsman .....	104 00	30	do .....	150 00			3,025 00
30	To W. A. Gorlinski, assistant clerk .....	104 00	Second fiscal quarter:					
30	To H. L. Hoyer, temporary clerk .....	83 50	Oct. 31	By certificates transmitted .....	687 00			
		\$1,082 00	Nov. 30	do .....	760 00			
Second fiscal quarter:			Dec. 31	do .....	520 00			1,967 00
Oct. 25	To Thomas Taylor, deposit withdrawn .....	250 00	1880.					
31	To E. H. Hesse, mineral draughtsman .....	121 50	Third fiscal quarter:					
31	To G. Schulte, assistant mineral draughtsman .....	108 00	Jan. 31	By certificates transmitted .....	797 00			
31	To W. A. Gorlinski, assistant clerk .....	108 00	Feb. 28	do .....	307 00			
Nov. 30	To E. H. Hesse, mineral draughtsman .....	112 50	Mar. 31	do .....	529 00			1,633 00
30	To G. Schulte, assistant mineral draughtsman .....	100 00	Fourth fiscal quarter:					
30	To W. A. Gorlinski, assistant clerk .....	100 00	May 1	By certificates transmitted .....	344 00			
17	To G. W. Snow, temporary clerk .....	48 00	31	do .....	321 00			
Dec. 31	To J. H. Campe, draughtsman .....	75 00	June 30	do .....	967 00			1,632 00
31	To E. H. Hesse, mineral draughtsman .....	121 50						
31	To G. Schulte, assistant mineral draughtsman .....	108 00						
31	To W. A. Gorlinski, assistant clerk .....	108 00						
31	To F. Gorlinski, transcribing clerk .....	56 00						
		1,416 50						
1880.								
Third fiscal quarter:								
Feb. 9	To E. H. Hesse, mineral draughtsman .....	121 50						
9	To G. Schulte, assistant mineral draughtsman .....	108 00						
9	To W. A. Gorlinski, assistant clerk .....	108 00						
9	To F. Gorlinski, transcribing clerk .....	108 00						
28	To E. H. Hesse, mineral draughtsman .....	108 00						
28	To G. Schulte, assistant mineral draughtsman .....	96 00						
28	To W. A. Gorlinski, assistant clerk .....	96 00						
28	To F. Gorlinski, transcribing clerk .....	96 00						
28	To O. E. Salomon, transcribing clerk .....	48 00						
Mar. 31	To J. H. Campe, draughtsman .....	75 00						
31	To E. H. Hesse, mineral draughtsman .....	121 50						
31	To G. Schulte, assistant mineral draughtsman .....	108 00						
31	To W. A. Gorlinski, assistant clerk .....	108 00						
31	To F. Gorlinski, transcribing clerk .....	108 00						
31	To O. E. Salomon, transcribing clerk .....	108 00						
31	To stationery account .....	131 90						
		1,649 90						



Fourth fiscal quarter:					
Apr. 30	To E. H. Hesse, mineral draughtsman .....	117 00			
30	To G. Schulte, assistant mineral draughtsman .....	104 00			
30	To W. A. Gorlinski, assistant clerk .....	104 00			
30	To F. Gorlinski, transcribing clerk .....	72 00			
30	To O. E. Salomon, transcribing clerk .....	36 00			
May 31	To E. H. Hesse, mineral draughtsman .....	117 00			
31	To G. Schulte, assistant mineral draughtsman .....	104 00			
31	To W. A. Gorlinski, assistant clerk .....	104 00			
31	To Theodor Vetter, assistant clerk .....	57 00			
10	To J. H. F. Van Enschat, deposit withdrawn .....	25 00			
31	To G. Winzer (steel tape) .....	9 00			
June 30	To E. H. Hesse, mineral draughtsman .....	117 00			
30	To G. Schulte, assistant mineral draughtsman .....	104 00			
30	To W. A. Gorlinski, assistant clerk .....	104 00			
30	To Theodor Vetter, assistant clerk .....	104 00			
30	To J. H. Campe, draughtsman .....	75 00			
30	To O. E. Salomon, transcribing clerk .....	104 00			
30	To E. B. Wilder (transit) .....	100 00			
			1,557 00		
July 1	To balance .....		3,953 32		
			9,658 72		
					9,658 72

FRD. SALOMON,  
Surveyor General for Utah.



T.—The United States in account with special deposits for survey of public lands in Utah for the fiscal year ending June 30, 1880.

DR.			CR.		
1879.			1879.		
Oct. 13	To Peter Olsen, refunded on account of excess of deposit.....	\$7 66	July 1	By balance due Peter Olsen and others, on account of excess over cost of survey .....	\$68 89
13	To Richard Winnill, refunded on account of excess of deposit .....	15 31		By balance under contract No. 91.....	2,025 00
13	To Binas Dixon, refunded on account of excess of deposit .....	22 96	1	By Carl Sorenson, C. D. No. 205 .....	20 00
13	To W. B. Hardy, refunded on account of excess of deposit .....	11 48	1	By Jefferson Huff, C. D. No. 298 .....	34 45
13	To Edward Laird, refunded on account of excess of deposit.....	11 48	Aug. 11	By Ernst Buettner, C. D. No. 300.....	200 00
28	To Adolphe Jessen, contract No. 94 of August 25, 1879; see Commissioner's letter, November 15, 1879.....	94 23	13	By A. D. Ferron, C. D. No. 301.....	37 89
Aug. 13	To Adolphe Jessen, contract No. 91 of March 29, 1879 .....	2,297 34	19	By William A. C. Bryan <i>et al.</i> , C. D. No. 332 to 386 inclusive.....	478 05
Dec. 13	To Adolphe Jessen, contract No. 94 of August 25, 1879 .....	1,465 77	19	By Charles Crane <i>et al.</i> , C. D. No. 325 to 330 inclusive .....	1,011 95
			25	By I. N. Dunyon, C. D. No. 439 .....	50 00
		3,926 23			3,926 23

FRD. SALOMON,  
*Surveyor General for Utah.*



## U.—Statement of the mineral product of Utah, for the fiscal year ending June 30, 1880.

[From the Utah Commercial.]

Months.	Bullion.	Ore.	Lead.	Copper mat.
	<i>Pounds.</i>	<i>Pounds.</i>	<i>Pounds.</i>	<i>Pounds.</i>
1879.				
July .....	1, 985, 978	325, 000	367, 626	128, 553
August .....	3, 275, 606	149, 600	65, 132	127, 254
September .....	2, 008, 293	392, 887	-----	-----
October .....	2, 027, 398	479, 500	324, 060	-----
November .....	1, 840, 301	324, 800	508, 965	-----
December .....	1, 763, 594	64, 000	415, 828	107, 800
1880.				
January .....	2, 176, 079	-----	438, 311	20, 386
February .....	2, 750, 669	-----	327, 742	21, 690
March .....	2, 112, 937	221, 464	214, 253	4, 778
April .....	2, 414, 528	-----	385, 819	-----
May .....	1, 874, 329	-----	-----	-----
June .....	1, 688, 846	-----	-----	-----
Total .....	25, 918, 558	1, 957, 251	3, 047, 746	410, 461

FRD. SALOMON,  
Surveyor General for Utah.

## V.—Statement showing the number of acres of public land sold and disposed of at the Salt Lake land office during the fiscal year ending June 30, 1880.

	Acres.
Original homestead entries .....	68, 603. 55
Final homestead entries .....	20, 052. 80
Cash entries .....	11, 915. 00
Military warrant entries .....	357. 50
Timber culture entries .....	3, 847. 05
First desert land entries .....	12, 654. 61
Mineral land entries .....	741. 45
Coal land entries .....	792. 07
Supreme Court script entries .....	3, 800. 02
Second desert land entries .....	5, 089. 66
Aggregate .....	127, 853. 71

FRD. SALOMON,  
Surveyor General for Utah.

## W.—Estimate of appropriation required for the surveying service in the Territory of Utah for the fiscal year ending June 30, 1882.

For salary of surveyor general .....	\$2, 750
For salary of clerks .....	4, 500
For rent, messenger, and incidentals .....	2, 500
For continuing the lines of public surveys .....	15, 000
For connecting mineral monuments .....	3, 000
Total .....	27, 750

FRD. SALOMON,  
Surveyor General for Utah.



O.—*Report of the surveyor general of Washington Territory.*

SURVEYOR GENERAL'S OFFICE, WASHINGTON TERRITORY,  
Olympia, August 16, 1880.

SIR: I have the honor to transmit herewith, in duplicate, a report of the survey of public lands in this district for the year ending June 30, 1880.

Accompanying and forming a part of this report are the following tabular statements, viz:

A.—Statement showing the condition of contracts not closed at the date of the last annual report.

B.—Statement of contracts let for the survey of public lands in this Territory, the number of miles and acres in each township, the number of plats made, and the amount paid on contracts for the fiscal year ending June 30, 1880.

C.—Statement of special deposits for the survey of public lands in Washington Territory for the fiscal year ending June 30, 1880.

D.—Statement of appropriation for incidental expenses of this office for the fiscal year ending June 30, 1880.

E.—Statement of appropriation for salary of surveyor general and clerks in his office for the fiscal year ending June 30, 1880.

F.—Statement of estimated amount required for the surveying service in Washington Territory for the fiscal year ending June 30, 1882.

I also transmit herewith the annual map, showing the progress of surveys in this Territory up to this date and the changes in the several county boundary lines.

## EXTENSION OF SURVEYS.

The surveys for the last fiscal year have been extended only over the settled portions of the Territory and those most adjacent thereto; but, owing to the limited amount apportioned to this district, it was impossible to meet all the demands made for such work, and the increased applications for surveys are accumulating in this office every month. Under the circumstances, so far as it can be done in accordance with the spirit of the law and instructions from the General Land Office, dated March 5, 1880, I shall encourage the extension of the public land surveys as provided in sections 2401-3 Revised Statutes, as amended by the act of March 3, 1879, and for this purpose shall use the present appropriation mostly for the extension of township exterior lines and standard parallels as the best available means for acquiring a correct knowledge of the country, and thereby enable me to decide as to the most important localities for subsequent subdivisions and probable settlement.

## THE RE-ESTABLISHMENT AND CORRECTION OF SECTION CORNERS.

The requirement of deputies of examining and re-establishing all imperfect section corners on township lines, as contemplated by the late instructions from the General Land Office, is exceedingly gratifying to me, as the enforcement of this rule will in the future insure better work.

The imperfect earth mounds and pits, which the present rules will only admit of being used in sections of country remote from timber or stone, are often obliterated by cattle or high winds, and the former monument is soon overgrown by vegetation; hence the importance of replacing them at a time when the settlers are likely to be more interested in their preservation.

## INCREASE OF WEALTH AND POPULATION.

The present census returns for this Territory show a population of 74,753, an increase of over 300 per cent. since 1870. The greater portion of this increase has been since 1877, and from all appearances now, the next three years will show a still larger gain.

The increase of wealth throughout the Territory is nearly coincident with the growth of population, and improvements of almost every character can be witnessed in all sections.

The general climatic and agricultural characteristics of Washington Territory are becoming so widely known, that many thousands of immigrants are now selecting homes here for themselves and friends who will soon follow them.

## RAILROADS.

During the last nine months an almost unparalleled activity in railroad construction has been developed in this Territory.



A section of the Northern Pacific Railroad from Ainsworth, at the junction of the Snake with the Columbia River, northeast to Spokane Falls, a distance of about 130 miles, has nearly all been graded, and the track laid for 30 miles. The company has also had a large engineering force in the different passes throughout the Cascade Mountains since last April, which force is still in the field, for the purpose of connecting their present work with the waters of Puget Sound.

The early completion of the Oregon Railway and Navigation Company's road down the Columbia River from Wallula to Celilo, 110 miles, is now a settled fact, as the greater portion of the work is already done, and its extension in a northeasterly direction through Eastern Washington is also well under way, and will secure to that portion of the Territory the advantage at an early day of at least three lines to market, viz, the Northern Pacific Railroad across the Cascade Mountains; the Oregon Railway and Navigation Company's railroad down the Columbia River, and the Columbia River itself, which has so long been the only channel through which that country was supplied, and through which its agricultural productions found an outlet to the markets of the world.

Very respectfully, your obedient servant,

W. McMICKEN,

*Surveyor General, Washington Territory.*

Hon. J. A. WILLIAMSON,

*Commissioner of the General Land Office, Washington, D. C.*



A.—Statement showing condition of contracts (completing the survey of agricultural and tim-

Contract.		Name of deputy.	Character and location of work.
Number.	Date.		
240	Aug. 12, 1878	Edwin Richardson ....	{ North boundary subdivisions and meanders township 25 north, range 42 east. Subdivisions township 24 north, range 43 east..... North and west boundary and subdivisions township 26 north, range 43 east. (Substituted in place of townships 16, 17, and 18 north, range 29 east, and township 17 north, range 30 east, Willamette meridian.)
244	Sept. 16, 1878	Ross P. Shoecraft .....	{ Resurvey of east, part of west, and south boundary, subdivisions, and meanders of township 30 north, range 6 west, and resurvey of part of south boundary of Port Angeles military reservation. W. boundary and subdivisions township 30 N., range 7 W.. W. boundary and subdivisions township 30 N., range 8 W.. { South and east boundary township 30 north, range, 12 west. South boundary township 30 north, range 13 west..... South and east boundary township 29 north, range 14 west. East boundary township 28 north, range 15 west ... .. (Substituted in place of unsurveyable portions of townships 30 north, ranges 7 and 8 west.)
245	Sept. 30, 1878	William Jameson .....	Subdivisions and meanders township 24 north, range 1 west
246	Oct. 22, 1878	O. B. Iverson.....	North, south, and east boundary, subdivisions, and meanders township 31 north, range 6 east.
247	Dec. 7, 1878	Edwin Richardson ....	Fractional north boundary and subdivisions township 3 north, range 9 east.
248	Dec. 16, 1878	Francis F. Loehr .....	East, fractional north boundary and subdivisions township 6 north, range 38 east.
249	Apr. 4, 1879	Sewall Truax .....	North boundary, subdivisions, and meanders township 9 north, range 31 east. North and west boundary, subdivisions, and meanders township 10 north, range 32 east. Subdivisions township 18 north, range 38 east..... (Substituted in place of unsurveyable portions of township 7 N., range 39 E., and township 8 N., range 40 E. . Subdivisions fractional township 7 north, range 39 east.... East boundary and subdivisions township 8 N., range 39 E. Fractional second standard parallel north, south boundary and subdivisions township 8 north, range 40 east.
251	June 28, 1879	Lewis Van Vleet.....	North and west boundary and subdivisions township 17 north, range 33 east. North and west boundary and subdivisions township 18 north, range 33 east. West boundary and subdivisions township 19 north, range 33 east. North and west boundary and subdivisions township 17 north, range 32 east. North and west boundary and subdivisions township 18 north, range 32 east. North and west boundary and subdivisions township 19 north, range 32 east. North boundary and subdivisions township 17 north, range 31 east. North boundary and subdivisions township 18 north, range 31 east. *North boundary and subdivisions township 19 north, range 31 east.
			Total number of miles run .....
			Total number of acres surveyed.....
			Total number of plats made.....
			Total amount paid on contracts.....

\* Subdivisions not completed.



ber lands for the fiscal year ending June 30, 1879) not closed at date of last annual report.

Number of miles surveyed.					Acres.	Number of plats made.				Amount paid on contracts.	
Standard.	Township.	Section.	Meander.	Total.		Original.	General Land Office.	Register.	Total.	Regular ap- propriation.	Timber lands.
M. C. L.	M. C. L.	M. C. L.	M. C. L.	M. C. L.							
.....	6 00 50	60 07 76	16 26 08	82 34 34	22,605.97	1	1	1	3	\$1,311 21	
.....		61 07 78	.....	61 07 78	23,878.49	1	1	1	3		
.....	11 79 35	60 01 30	.....	72 00 65	23,006.31	1	1	1	3		
.....	7 65 01	51 61 85	73 66	60 40 52	16,850.37	1	1	1	3	636 32	.....
.....	4 40 00	41 03 68	.....	45 43 68	14,080.06	1	1	1	3	.....	\$972 65
.....	2 00 12	42 04 57	5 04 80	49 09 49	13,685.17	1	1	1	3		
.....	12 00 00	.....	.....	12 00 00	.....	1	1	.....	2		
.....	6 00 00	.....	.....	6 00 00	.....	1	1	.....	2	504 00	.....
.....	12 00 00	.....	.....	12 00 00	.....	1	1	.....	2	504 00	.....
.....	6 00 00	.....	.....	6 00 00	.....	1	1	.....	2	504 00	.....
1 41 70	3 40 00	60 09 89	6 35 60	71 47 19	22,777.48	1	1	1	3	.....	739 03
.....	17 78 83	58 39 62	19 16 52	95 54 97	22,132.52	1	1	1	3	.....	1,028 82
.....	2 00 00	10 02 18	.....	12 02 18	3,840.04	1	1	1	3	.....	128 27
.....	2 38 25	27 06 01	.....	29 44 26	9,252.99	1	1	1	3	.....	305 44
.....	8 26 00	56 48 79	12 54 88	77 49 67	21,091.24	1	1	1	3	1,331 59	
.....	11 78 40	59 09 40	9 74 70	81 02 50	21,910.75	1	1	1	3		
.....	.....	59 71 64	.....	59 71 64	22,906.82	1	1	1	3		
.....	.....	26 10 58	.....	26 10 58	8,382.62	1	1	1	3	.....	1,420 97
.....	12 02 33	60 11 14	.....	72 13 47	23,116.25	1	1	1	3		
1 00 00	3 02 46	33 11 42	.....	37 13 82	11,566.93	1	1	1	3		
.....	11 79 70	60 04 14	.....	72 03 84	23,033.30	1	1	1	3	.....	.....
.....	11 76 50	59 74 60	.....	71 71 10	22,982.77	1	1	1	3	3,467 58	
.....	6 05 00	60 14 92	.....	66 19 92	23,128.22	1	1	1	3		
.....	12 01 00	60 02 95	.....	72 03 95	23,064.36	1	1	1	3		
.....	11 78 69	59 77 60	.....	71 76 29	23,051.47	1	1	1	3		
.....	11 76 76	60 04 95	.....	72 01 71	23,067.95	1	1	1	3		
.....	5 77 50	59 74 38	.....	65 71 88	22,968.56	1	1	1	3		
.....	5 77 00	59 74 11	.....	65 71 11	22,977.21	1	1	1	3		
.....	5 76 50	.....	.....	5 76 50	.....	1	1	1	3		
2 41 70	213 39 84	1,246 75 26	70 46 24	1,533 43 04	.....						
.....	.....	.....	.....	.....	465,357.85						
.....	.....	.....	.....	.....	.....	25	25	24	74		
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7,250 70	4,595 18

## EXHIBIT No. 1.

Balance of the regular appropriation for the fiscal year ending June 30, 1879 .....	\$7,077 20
Balance of the appropriation for the survey of timbered lands exclusively, for the fiscal year ending June 30, 1879 .....	4,627 75
	\$11,704 95
Amount paid on contracts from the regular appropriation .....	7,250 70
Amount paid on contracts from the appropriation for the survey of timbered lands .....	4,595 18
	11,845 88

W. McMICKEN, *Surveyor General, Washington Territory.*

SURVEYOR GENERAL'S OFFICE, Olympia, Washington, August 14, 1880.



B.—Statement of contracts let for the survey of public lands in Washington Territory, the  
on contracts, for the fiscal

Contract.		Name of deputy.	Character and location of work.	Number of miles surveyed.	
Number.	Date.			Standard.	Township.
250	1879, June 28	Truax & Briggs....	Sixth standard parallel north from Columbia guide meridian west, to Columbia River. North boundary and subdivisions township 10 north, range 31 east. North boundary and subdivisions township 11 north, range 31 east. Subdivisions township 12 north, range 31 east North and west boundary and subdivisions township 11 north, range 32 east. West boundary and subdivisions township 12 north, range 32 east. Subdivisions township 18 north, range 37 east Subdivisions and meanders township 19 north, range 37 east. North, south boundary and subdivisions township 19 north, range 38 east. Subdivisions and meanders township 20 north, range 38 east. North boundary and subdivisions township 26 north, range 34 east. North, west boundary and subdivisions township 26 north, range 35 east. North, west boundary and subdivisions township 26 north, range 36 east. North, west boundary and subdivisions township 26 north, range 37 east. North, west boundary and subdivisions township 21 north, range 30 east. North, west boundary, subdivisions, and meanders township 22 north, range 30 east. North, west boundary and subdivisions township 23 north, range 30 east. North, west boundary and subdivisions township 25 north, range 30 east. North, west boundary and subdivisions township 26 north, range 30 east. West boundary and subdivisions township 24 north, range 30 east. North, west boundary and subdivisions township 23 north, range 32 east. West boundary and subdivisions township 24 north, range 32 east. North boundary and subdivisions township 23 north, range 31 east. Subdivisions township 24 north, range 31 east	M. C. L. 58 42 00	M. C. L. .....
			.....		5 60 34
			.....		5 59 00
			.....		11 75 20
			.....		6 21 00
			.....		.....
			.....		11 76 75
			.....		.....
			.....		6 01 28
			.....		11 77 19
			.....		11 79 80
			.....		12 00 30
			.....		11 79 20
			.....		11 78 30
			.....		11 77 80
			.....		11 79 60
			.....		11 79 25
			.....		6 06 00
			.....		11 79 00
			.....		6 10 14
			.....		5 78 00
252	July 26	Edwin Richardson	Subdivisions township 11 north, range 26 east Subdivisions township 12 north, range 26 east. Subdivisions township 13 north, range 26 east. Subdivisions township 13 north, range 22 east. Subdivisions township 14 north, range 22 east. North and west boundary and subdivisions township 17 north, range 16 east. North and west boundary and subdivisions township 18 north, range 16 east. Subdivisions and meanders township 13 north, range 23 east. Subdivisions and meanders township 13 north, range 24 east. Subdivisions and meanders township 13 north, range 25 east. Subdivisions fractional township 3 north, range 12 east. East, west, south boundaries and subdivisions township 20 north, range 16 east. One other township substituted; returns not in.	.....	1 00 00
			.....		.....
			.....		.....
			.....		.....
			.....		8 01 27
			.....		16 34 30
			.....		.....



number of miles and acres in each township, the number of plats made, and the amount paid year ending June 30, 1880.

Number of miles surveyed.			Acres.	Plats made.				Amount paid on contracts.	Remarks.
Section.	Meander.	Total.		Original.	General Land Office.	Register.	Total.		
M. C. L.	M. C. L.	M. C. L.							
		58 42 00		1	1		2	\$585 25	Completed.
58 37 38		64 17 72	21,959.55	1	1	1	3	1,989 24	Do.
58 50 56		64 29 56	22,063.14	1	1	1	3		
59 43 42		59 43 42	22,064.87	1	1	1	3		
59 55 82		71 51 02	22,871.31	1	1	1	3		
60 44 58		66 65 58	23,185.87	1	1	1	3	1,563 30	Do.
59 77 11		59 77 11	22,986.55	1	1	1	3		
57 47 87	8 66 68	66 34 55	22,002.46	1	1	1	3		
59 53 23		71 49 97	22,795.98	1	1	1	3		
56 56 41	3 66 55	60 42 96	21,010.66	1	1	1	3	401 95	Do.
59 77 84		65 79 12	23,093.38	1	1	1	3		
59 51 19		71 48 38	22,884.60	1	1	1	3		
59 69 16		71 68 96	23,016.38	1	1	1	3		
59 63 09		71 63 39	22,970.21	1	1	1	3	442 76	Do.
59 68 99		71 68 19	23,007.12	1	1	1	3	1,378 08	Do.
58 45 59	9 24 40	79 68 29	21,824.75	1	1	1	3		
60 00 84		71 78 64	22,970.94	1	1	1	3		
59 75 55		71 75 15	23,010.92	1	1	1	3		
60 03 37		72 02 62	23,050.19	1	1	1	3	1,291 01	Do.
60 08 90		66 14 90	23,060.04	1	1	1	3		
59 72 15		71 71 15	23,004.23	1	1	1	3		
60 71 68		67 01 82	23,538.68	1	1	1	3		
59 63 32		65 61 32	22,946.51	1	1	1	3	400 58	Do.
60 17 50		60 17 50	23,166.76	1	1	1	3	361 31	Do.
59 76 72		60 76 72	22,970.69	1	1	1	3	366 76	Do.
59 77 90		59 77 90	22,873.72	1	1	1	3	359 84	Do.
60 08 96		60 08 96	23,128.65	1	1	1	3	360 67	Not completed.
56 55 42		56 55 42	20,890.98	1	1	1	3	340 16	Completed.
									Do.
									Two other townships substituted.
58 66 06	5 45 50	64 31 56	22,320.76	1	1	1	3	386 37	Completed.
58 36 68	12 70 80	71 33 48	21,573.24	1	1	1	3	428 51	Do.
59 38 71	11 44 00	71 02 71	21,616.89	1	1	1	3	426 20	Do.
24 08 98		32 10 25	10,232.68	1	1	1	3	1,159 58	Do.
57 49 88		74 04 18	20,744.03	1	1	1	3		
									Substituted in place of townships 17 and 18 north, range 16 east.



B.—Statement of contracts let for the survey of

Contract.		Name of deputy.	Character and location of work.	Number of miles surveyed.	
Number.	Date.			Standard.	Township.
253	1879. Aug. 19	Dudley S. B. Henry	North, south, east boundary, subdivisions, and meanders township 35 north, range 6 east.	M. C. L. .....	M. C. L. 18 08 40
			North, south, east boundary, subdivisions, and meanders township 35 north, range 7 east.	.....	9 79 50
(*)	1880. Apr. 9	.....	Meanders of island in township 29 north, range 1 west.	.....	.....
254	Apr. 12	Erich G. Gaertner.	North, east boundary, subdivisions, and meanders township 26 north, range 45 east.	.....	.....
(*)	May 17	Lewis D. W. Shelton.	Subdivisions fractional township 3 north, range 9 east.	.....	2 00 00
255	June 26	Lewis Van Vleet..	Subdivisions township 10 north, range 29 east.	.....	.....
			Subdivisions township 19 north, range 31 east.	.....	.....
			Subdivisions townships 20 north, ranges 31 and 32 east.	.....	.....
Totals .....				58 42 00	229 21 62
Totals brought forward from statement A .....				2 41 70	213 39 84
Total number of miles run.....				61 03 70	442 61 46
Total number of acres surveyed .....					
Number of township plats made.....					
Number of township donation plats, tracings, &c., made .....					
Total number of plats and tracings made .....					
Total amount paid on contracts .....					

\* Special instructions.



public lands in Washington Territory, &c.—Continued.

Number of miles surveyed.			Acres.	Plats made.				Amount paid on contracts.	Remarks.
Section.	Meander.	Total.		Original.	General Land Office.	Register.	Total.		
M. C. L. 59 12 75	M. C. L. 19 27 07	M. C. L. 96 48 22	22, 392. 28	1	1	1	3	\$1,795 54	Completed.
43 49 02	18 08 43	71 56 95	14, 625. 56	1	1	1	3		
.....	.....	.....	.....	1	1	1	3		
.....	.....	.....	.....	.....	.....	.....	.....	.....	Special deposit; survey disapproved.
.....	.....	.....	.....	.....	.....	.....	.....	.....	Special deposit; no returns.
23 01 06	.....	25 01 06	7, 997. 84	1	1	1	3	258 13	Completed.
.....	.....	.....	.....	.....	.....	.....	.....	.....	No returns.
.....	.....	.....	.....	.....	.....	.....	.....	.....	Do.
.....	.....	.....	.....	.....	.....	.....	.....	.....	Do.
1, 990 37 69	89 39 43	2, 367 60 74	753, 852. 42	.....	.....	.....	.....	.....	.....
1, 246 75 26	70 46 24	1, 533 43 04	465, 357. 85	25	25	24	74	.....	.....
3, 237 32 95	160 05 67	3, 901 23 78	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	1, 219, 210. 27	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	52	.....	.....
.....	.....	.....	.....	62	62	60	184	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	16, 031 58	.....

Exhibit No. 1.

Amount of appropriation for the fiscal year ending June 30, 1880 .....	\$18, 000 00
Amount paid on contracts as above .....	16, 031 58
Balance applicable to unfinished contracts .....	1, 968 42

W. McMICKEN,  
Surveyor General, Washington Territory.

SURVEYOR GENERAL'S OFFICE,  
Olympia, Wash., August 14, 1880.



## REPORT OF THE COMMISSIONER OF

## C.—Statement of special deposits for the survey of public lands in Washington Territory for the fiscal year ending June 30, 1880.

Date of deposit.	Name of depositor.	Amount deposited.			Remarks.
		For field work.	For office work.	Total.	
Feb. 18, 1880	Samuel Hadlock.....	\$15 00	\$35 00	\$50 00	Survey disapproved. Not completed; deputy in the field.
Mar. 9, 1880	J. T. Rankin.....	744 00	100 00	844 00	
	Total .....	759 00	135 00	894 00	

W. McMICKEN,  
Surveyor General, Washington Territory.

SURVEYOR GENERAL'S OFFICE,  
Olympia, Wash., August 14, 1880.

## D.—Statement of appropriation for incidental expenses of office of surveyor general of Washington Territory for the fiscal year ending June 30, 1880.

Date.	Accounts.	Amount.	Date.	Appropriation.	Amount.
1880. June 30	Amount of accounts forwarded for incidental expenses for fiscal year ending this date .....	\$1,800 00	1879. Mar. 3 1880. June 16	Amount of appropriation for the fiscal year ending June 30, 1880..... Amount appropriated for deficiencies on account of damages by falling of roof of surveyor general's office..	\$1,500 00  300 00 1,800 00

W. McMICKEN,  
Surveyor General, Washington Territory.

SURVEYOR GENERAL'S OFFICE,  
Olympia, Wash., August 14, 1880.

## E.—Statement of the appropriation for salary of the surveyor general of Washington Territory and clerks in his office for the fiscal year ending June 30, 1880.

Date.	Account.	Amount.	Date.	Appropriation.	Amount.
1880. June 30	Amount paid surveyor general and clerks in his office for the fiscal year ending this date .....	\$6,500 00	1880. June 21	Appropriation for salary of surveyor general and clerks in his office for the fiscal year ending June 30, 1880.....	\$6,500 00
	Amount paid special clerk from special-deposit fund .....	112 88		Unexpended balance of special deposit as per last annual report .....	112 88
	Total.....	6,612 88		Total .....	6,612 88

W. McMICKEN,  
Surveyor General, Washington Territory.

SURVEYOR GENERAL'S OFFICE,  
Olympia, Wash., August 14, 1880.



F.—*Estimated amount required for the surveying service in Washington Territory for the fiscal year ending June 30, 1882.*

## FOR FIELD WORK.

For surveying 192 miles of standard lines, at \$16 .....	\$3, 072
For surveying 468 miles of township lines, at \$16 .....	7, 488
For surveying 546 miles of township lines, at \$12 .....	6, 552
For surveying 2,860 miles of section lines, at \$14 .....	40, 040
For surveying 3,060 miles of section lines, at \$10 .....	30, 600
	<hr/> \$87, 752

## FOR OFFICE WORK.

For salary of surveyor general .....	\$2, 500
For salary of chief clerk .....	1, 600
For salary of chief draughtsman .....	1, 500
For salary of assistant draughtsman .....	1, 400
For salary of three copying clerks .....	3, 600
For rent of office, fuel, lights, pay of messenger and other incidental expenses .....	2, 000
	<hr/> \$12, 600
	<hr/> 100, 352

W. McMICKEN,  
*Surveyor General, Washington Territory.*

SURVEYOR GENERAL'S OFFICE,  
*Olympia, Wash., August 14, 1880.*

P.—*Report of the surveyor general of Wyoming.*

SURVEYOR GENERAL'S OFFICE,  
*Cheyenne, Wyo., August 23, 1880.*

SIR: In compliance with your instructions of April 5, 1880, I have the honor to submit herewith, in duplicate, my annual report of the surveying operations of the Wyoming district, for the fiscal year ending June 30, 1880:

## PUBLIC SURVEYS.

The eighth guide meridian west has been extended through townships 30, 31, and 32 north, and established for a distance of 18 miles; and the ninth guide meridian west has also been surveyed and established from the sixth to the eighth standard parallel north, a distance of 48 miles.

The seventh standard parallel north has been surveyed from the eighth to the ninth guide meridian west, 48 miles; and the eighth standard parallel north has been surveyed from the ninth guide meridian west to the east boundary of Wyoming, a distance of 76 miles, 1 chain, and 85 links.

The exterior township boundaries of 52 townships, embraced within the above-named standard lines, have been surveyed and established, the total length of which is 439 miles, 5 chains, and 67 links. Four of these townships have been subdivided into sections, and amount in length of lines to 240 miles, 13 chains, and 12 links.

The third standard parallel north, between townships 12 and 13 north, ranges 81 to 84 west, inclusive, has also been surveyed for a distance of 24 miles; and in this region the exterior lines of 20 townships, amounting to 181 miles, 9 chains, and 9 links, have been established, of which 4 townships have been subdivided, amounting to 250 miles, 13 chains, and 57 links, a tabular statement of which is given herewith.

The eastern and larger portion of these surveys embraces valuable agricultural and pastoral lands in the valleys of the North Platte River and its tributaries, and of the Niobrara and Rawhide Creeks, with some good timber lands. In some of the subdivided townships of this region gold has been discovered, and several mining claims located recently.

The western surveys contain timber, agricultural, and grazing lands, on which settlements and homestead claims have already been made.

The area of the subdivisions made during the fiscal year is 280,877.14 acres, and the total area surveyed in Wyoming Territory to June 30, 1880, is 9,125,861.41 acres.

## PROPOSED SURVEYS.

The accompanying annual estimates for the extension of the public surveys in Wyoming Territory, during the fiscal year ending June 30, 1882, are intended for the subdivision of such townships in the valleys of the North Platte River and its tributaries,



between Forts Laramie and Fetterman, as embrace settlements and good agricultural and grass lands, easily irrigated; and for the survey of standard, exterior, and subdivision lines in the valleys of the Cheyenne, Powder, North Platte and Bear Rivers, having settlements, timber and mineral lands.

#### OFFICE WORK.

Of the surveys contracted for and payable out of the balance of the appropriation of June 20, 1878, of \$12,000, and that of March 3, 1879, of \$12,000, the original field notes of surveys of the standard, exterior, and subdivision lines, returned by the deputy surveyors, have been carefully examined and approved upon their evidence of correctness.

The original diagrams and maps of these surveys have been constructed on the usual scale from the field notes and placed on file, and a copy of each has been made, compared, and transmitted to the General Land Office.

Copies of all the maps of subdivisions and of two reservation maps have been made, compared, and transmitted to the proper local land office, and a list of these registers' maps has been added to the schedule posted in this office.

The original field notes of all the aforesaid surveys have been transcribed, compared, prefaced with title pages and index diagrams, and with the maps and surveyors' accounts transmitted to the General Land Office.

Twenty-four lists descriptive of the corners, soil, timber, &c., of twelve townships of subdivisions have been compiled from and carefully compared with the original field notes, certified, and transmitted to the proper local land offices, receipts for which are on file.

The usual amount of work in preparing contracts, special instructions, surveyors' diagrams, correspondence, and recording letters and accounts, &c., has been performed.

#### CONTRACTS OF 1878 AND 1879.

The contracts of 1878 are all completed, and including that unfinished at the date of my last report amount to \$11,905, paid out of the appropriation of June 20, 1878, of \$12,000, leaving an unexpended balance of \$95, which reverts to the United States Treasury.

One contract of 1879 is completed, and on the other two the deputies have an extension of time, one of them having been driven from the field by hostile Indians, and the other delayed by the mountainous nature of the country and the lateness of the season, after having accomplished the larger portion of their work.

The amount paid out of the appropriation of March 3, 1879, of \$12,000, is \$11,174.37, which leaves only \$825.63 for the completion of contracts Nos. 102 and 103; and as this balance will be inadequate on account of there being more mountainous and heavily timbered lands than was anticipated, the excess must be drawn from the "apportionment of funds set aside for that purpose," as stated in your instructions of April 15, 1879.

At the close of this report the field notes of corrections in township 12 north, range 77 west, under special instructions of June 5, 1880, have been returned and examined, the original unfinished map completed, and a copy of the same with a transcript of the field notes and the surveyors' account transmitted to the General Land Office. A copy of the said map and two lists descriptive of the corners, soil, &c., have also been furnished to the register of the local land office at Cheyenne, whose receipt for same is on file.

It will be necessary to extend Mr. Downey's time for the completion of contract No. 103 to August 1, 1880, on account of high water in the North Platte River.

The unfinished exterior lines in contract No. 102 will be completed in the early part of the ensuing fiscal year.

#### ACCOMPANYING TABLES.

A.—Statement showing the contracts entered into and the condition of the public survey, under the appropriations of June 20, 1878, and March 3, 1879, for the fiscal year ending June 30, 1880.

B.—Statement showing the townships, ranges, areas, and amounts of surveys, for which duplicate maps, and transcripts of the field notes have been transmitted to the General Land Office, triplicate maps, and descriptive lists furnished to the local land office, and the original maps and field notes filed in this office, during the fiscal year, ending June 30, 1880.

C.—Statement showing the description, and number of township maps, and descriptive lists, furnished to the local land office, during the fiscal year ending June 30, 1880, numbering north of the base line, and west of the sixth principal meridian.

D.—Statement showing the amount paid to the surveyor general and the clerks in his office during the fiscal year ending June 30, 1880.

E.—Statement of amount paid for rent of office, fuel, stationery, messenger &c., during the fiscal year ending June 30, 1880.



F.—Estimate of appropriation required, for the extension of the public surveys, in Wyoming Territory, during the fiscal year ending June 30, 1882.

G.—Statement showing the names, duties, nativity, whence appointed, residence, date of appointment, and rate of compensation per annum, of persons employed in the surveyor general's office of Wyoming Territory, at the close of the fiscal year ending June 30, 1880.

H.—Statement of the temperature and rainfall, from July, 1879, to June, 1880, as determined by Sergeant Edgar McGovern, in charge of the United States signal office at Cheyenne, Wyoming.

All of which is respectfully submitted.

EDW. C. DAVID,  
Surveyor General.

Hon. J. A. WILLIAMSON,  
Commissioner General Land Office, Washington, D. C.

A.—Statement showing the contracts entered into and the condition of the public surveys under the appropriations of June 20, 1878, and March 3, 1879, for the fiscal year ending June 30, 1880.

No. of contract.	Date.	Names of contractors or deputy surveyors.	Character, number of township and range of survey, north of base line, and west of sixth principal meridian.	Sums paid for surveys.	Condition of field and office work.
98	1878. Aug. 8	William O. Downey...	Subdivision of township 16, range 78, and townships 12, 13, 14, and 15, range 79.	\$2,063 94	Completed.
102	May 7	William B. Yerby.....	Eighth guide meridian in townships 30, 31, 32, ranges 64 and 65; ninth guide meridian from sixth to eighth standard parallel; seventh and eighth standard parallels from eighth to ninth guide meridian; and exteriors of township 25, ranges 71 and 72; township 26, ranges 69, 70, 71, and 72, and townships 27 to 32, inclusive, in ranges 65 to 72, inclusive.	4,695 52	Unfinished.
103	May 12	William O. Downey...	Third standard parallel in townships 12 and 13, ranges 81, 82, 83, and 84; exteriors of townships 12 to 16, inclusive, ranges 81 to 84, inclusive, and subdivision of townships 15 and 16, in ranges 82, 83, and 84.	3,736 37	Unfinished.
104	May 22	Charles W. Brown....	Eighth standard parallel from eighth guide meridian to eastern boundary of Wyoming; exteriors of townships 30, 31, and 32, ranges 60 to 64, inclusive, and subdivision of township 31, range 61; township 32, range 63; and townships 30 and 32, range 64.	2,742 48	Completed.
(*)	1880. June 5	Charles W. Brown....	Corrections of lines of sections 4 and 5, and 5 and 6, township 12, range 77.	314 45	Completed.
Appropriation of June 20, 1878 .....				12,000 00	
Amount paid out of said appropriation to June 30, 1879.....				9,841 06	
Amount paid out of said appropriation to June 30, 1880.....				2,063 94	
Balance unexpended and reverting to the United States Treasury.....				95 00	
Total.....				12,000 00	12,000 00
Appropriation of March 3, 1879.....					12,000 00
Amount paid out of said appropriation to June 30, 1880.....				11,174 37	
Balance unexpended of said appropriation.....				825 63	
Total .....				12,000 00	12,000 00
Amount paid (out of fund reserved from the appropriation of March 3, 1879) for corrections in township 12, range 77.....					314 45

\* Special instructions.

EDW. C. DAVID,  
Surveyor General.

SURVEYOR GENERAL'S OFFICE,  
Cheyenne, Wyo., August 23, 1880.



B.—Statement showing the townships, ranges, areas, and amounts of surveys for which duplicate maps and transcripts of the field notes have been transmitted to the General Land Office, triplicate maps and descriptive lists furnished to the local land office, and the original maps and field notes filed in this office, during the fiscal year ending June 30, 1880.

Number of township.	Township north.	Ranges west.	Area, acres.	Subdivisions.		
				Miles.	Chains.	Links.
1.....	31	61	23,004.65	59	74	30
2.....	32	63	22,939.33	59	60	29
3.....	30	64	23,125.97	60	11	45
4.....	32	64	23,273.90	60	27	8
5.....	16	78	23,834.45	61	2	37
6 (fractional).....	12	79	12,566.89	34	28	1
7.....	13	79	23,032.10	59	78	88
8.....	15	79	22,970.04	59	69	4
9.....	15	82	22,983.57	59	76	.....
10.....	15	83	23,003.87	59	74	13
11.....	15	84	22,963.40	59	72	11
12.....	16	84	24,101.99	61	31	33
13 (fractional).....	12	77	13,076.98	35	7	30
Total .....	.....	.....	280,877.14	731	52	29

RECAPITULATION.

	Townships.	Area.
		<i>Acres.</i>
Total number of townships subdivided in 1879 .....	13	280,877.14
Total number of townships subdivided previously .....	422	8,844,984.27
Total number of townships subdivided to June 30, 1880 .....	435	9,125,861.41

EDW. C. DAVID,  
*Surveyor General.*

SURVEYOR GENERAL'S OFFICE,  
*Cheyenne, Wyo., August 23, 1880.*

C.—Statement showing the description and number of township maps and descriptive lists furnished to the local land office during the fiscal year ending June 30, 1880, numbering north of the base line and west of the sixth principal meridian, Wyoming Territory.

Township.	Range.	Maps.	Lists.	Remarks.
31.....	61	1	2	Sent February 28, 1880, to register at Cheyenne.
32.....	63	1	2	Do.
30 and 32.....	64	2	4	Do.
12.....	77	1	2	Sent July 8, 1880, to register at Cheyenne.
16.....	78	1	2	Sent February 28, 1880, to register at Cheyenne.
12, 13, and 15.....	79	3	6	Do.
15.....	82	3	6	Do.
	83			
	84			
16.....	84	1	2	Do.
Total .....	.....	13	26	To register at Cheyenne.

Also, one plat of fort, McKinney Reservation, and one plat of depot, McKinney Reservation, with a copy of the President's order therein.

EDW. C. DAVID,  
*Surveyor General.*

SURVEYOR GENERAL'S OFFICE,  
*Cheyenne, Wyo., August 23, 1880.*



THE GENERAL LAND OFFICE.

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D.—Statement showing amount paid to the surveyor general and the clerks in his office during the fiscal year ending June 30, 1880.

1879.		
June 21.	By appropriation for compensation of surveyor general for fiscal year ending June 30, 1880 .....	\$2,750 00
June 21.	By appropriation for salaries of clerks for the fiscal year ending June 30, 1880 .....	3,500 00
June 30.	By balance unexpended of special deposits for office work .....	388 90
Sept. 30.	To amount for first quarter, ending September 30, 1879.	\$1,487 50
Dec. 31.	To amount for second quarter, ending December 31, 1879 .....	1,487 50
1880.		
Mar. 31.	To amount for third quarter, ending March 31, 1880 .....	1,710 55
June 30.	To amount for fourth quarter, ending June 30, 1880 .....	1,487 50
May 31.	To amount paid the United States per certificate of deposit No. 135 .....	1 95
June 30.	To amount paid the United States per certificate of deposit No. — .....	75 00
June 30.	To balance unexpended of special deposits for office work .....	388 90
Totals .....		6,638 90 6,638 90

EDW. C. DAVID,  
Surveyor General.

SURVEYOR GENERAL'S OFFICE,  
Cheyenne, Wyo., August 23, 1880.

E.—Statement of amount paid for rent of office, fuel, stationery, messenger, &c., during the fiscal year ending June 30, 1880.

1879.		
March 3.	By appropriation for rent of office, fuel, &c., for fiscal year .....	\$1,500 00
Sept. 30.	To amount for first quarter, ending September 30, 1879.	\$333 33
Dec. 31.	To amount for second quarter, ending December 31, 1879 .....	345 60
1880.		
March 31.	To amount for third quarter, ending March 31, 1880 ..	444 07
June 30.	To amount for fourth quarter, ending June 30, 1880 ..	375 00
May 31.	To amount paid the United States per certificate of deposit No. 135 .....	2 00
June 30.	To amount paid the United States per certificate of deposit No. — .....	0 00
Totals .....		1,500 00 1,500 00

EDW. C. DAVID,  
Surveyor General.

SURVEYOR GENERAL'S OFFICE,  
Cheyenne, Wyo., August 23, 1880.

F.—Estimate of the appropriation required for the extension of the public surveys in Wyoming Territory during the fiscal year ending June 30, 1882.

For standard lines, 300 miles, at \$10 per mile .....	\$3,000
For township lines, 1,000 miles, at \$7 per mile .....	7,000
For subdivision lines, 6,000 miles, at \$6 per mile .....	36,000
	————— \$46,000



For salary of surveyor general.....	\$3, 000
For salary of chief clerk .....	1, 800
For salary of principal draughtsman.....	1, 500
For salary of assistant draughtsman .....	1, 400
For salaries of two transcribing clerks.....	2, 800
For rent, fuel, stationery, messenger, and incidental expenses.....	2, 000
	<hr/> \$12, 500
Total for field and office work .....	58, 500

EDW. C. DAVID,  
Surveyor General.

SURVEYOR GENERAL'S OFFICE,  
Cheyenne, Wyo., August —, 1880.

G.—Statement showing the names, duties, nativity, whence appointed, residence, date of appointment, and rate of compensation per annum, of persons employed in the surveyor general's office of Wyoming Territory, at the close of the fiscal year ending June 30, 1880.

Name.	Duty.	Nativity.	Whence appointed.	Residence.	Date of appointment.	Salary.
Edward C. David ...	Surveyor general ..	N. Hamp ..	Iowa.....	Wyoming	Aug. 23, 1875	\$2, 750
Alfred L. Brown....	Chief clerk .....	Virginia ...	Nebraska .....	do .....	Sept. 23, 1875	1, 800
Alice J. Langworthy	Transcribing clerk	Georgia ..	Wyoming .....	do .....	Aug. 7, 1879	1, 400
Charles W. Brown ..	Messenger.....	Iowa.....	do .....	do .....	Jan. 1, 1879	600

EDW. C. DAVID,  
Surveyor General.

SURVEYOR GENERAL'S OFFICE,  
Cheyenne, Wyo., August 23, 1880.

H.—Statement of the temperature and rainfall, from July, 1879, to June, 1880, inclusive, as determined by Sergeant Edgar McGovern, in charge of the United States Signal Office at Cheyenne, Wyo.

Date.	Thermometer.			Amount of rainfall in inches.
	Mean.	Maximum.	Minimum.	
1879.				
July.....	69. 9	95	42	1. 04
August.....	65. 8	92	40	1. 26
September.....	58	87	30	00
October.....	46. 1	80	18	65
November.....	35. 4	67	11	23
December .....	25. 8	57	—24	17
1880.				
January.....	30. 5	63	—11	20
February.....	24	59	—10	09
March.....	27. 6	69	—17	06
April.....	41. 4	73	15	17
May.....	53. 8	84	28	44
June.....	62. 5	97	37	1. 06

EDW. C. DAVID,  
Surveyor General.

SURVEYOR GENERAL'S OFFICE,  
Cheyenne, Wyo., August 23, 1880.







CHIEF CLERK'S ROOM.  
GENERAL LAND OFFICE.